

TIMSS GRADE4 2003 Electronic Codebook

Variable Name : IDCNTRY *Country ID*
Record Number : 1
Position : 1-5
Format : N5.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
United States	840	921	100.0
		921	100.0%

Variable Name : IDPOP *Population ID*
Record Number : 1
Position : 6-6
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
TIMSS population 1	1	921	100.0
TIMSS population 2	2	0	0.0
TIMSS population 3	3	0	0.0
		921	100.0%

Variable Name : IDSCHOOL *School ID*
Record Number : 1
Position : 7-10
Format : N4.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1302-3580		921	100.0
		921	100.0%

Variable Name : IDTEACH *Teacher ID*
Record Number : 1
Position : 11-16
Format : N6.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
130201-358002		921	100.0
		921	100.0%

Variable Name : IDLINK *Teacher Link Number*
 Record Number : 1
 Position : 17-18
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1-18		921	100.0
		921	100.0%

Variable Name : ITCOURSE *Name Of Course*
 Record Number : 1
 Position : 19-20
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Mathematics	1	107	11.6
Integrated Science	6	137	14.9
Mathematics and Science	7	677	73.5
		921	100.0%

Variable Name : IDGRADE *Grade*
 Record Number : 1
 Position : 21-22
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Grade 4	4	921	100.0
		921	100.0%

Variable Name : IDGRADER *Standardized Grade ID*
 Record Number : 1
 Position : 23-23
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Lower grade	1	0	0.0
Upper grade	2	921	100.0
		921	100.0%

Variable Name : INTMS03 *In 2003 Assessment Population*
 Record Number : 1
 Position : 24-24
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	921	100.0
		921	100.0%

Variable Name : INTMS99 *In 2003 And 1999 Assessment Population*
 Record Number : 1
 Position : 25-25
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	921	100.0
1	1	0	0.0
		921	100.0%

Variable Name : INTMS95 *In 2003 And 1999 And 1995 Ass. Pop*
 Record Number : 1
 Position : 26-26
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	921	100.0
		921	100.0%

How old are you?

Variable Name : ATBGAGE Gen\Age Of Teacher
 Record Number : 1
 Position : 27-27
 Format : N1.0
 Comment : TQ1-1: TIMSS95: TQ1-1 same ATBGAGE

Response	Codes Percent	Unweighted Frequency	
Under 25	1	44	4.8
25-29	2	129	14.0
30-39	3	224	24.3
40-49	4	182	19.8
50-59	5	198	21.5
60 or older	6	35	3.8
Not administered	8	85	9.2
Omitted	9	24	2.6
		921	100.0%

Are you female or male?

Variable Name : ATBGSEX Gen\Sex Of Teacher
 Record Number : 1
 Position : 28-28
 Format : N1.0
 Comment : TQ1-2: TIMSS95: TQ1-2 same ATBGSEX

Response	Codes Percent	Unweighted Frequency	
Female	1	701	76.1
Male	2	118	12.8
Not administered	8	85	9.2
Omitted	9	17	1.9
		921	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher.

Variable Name : ATBGTAUT Gen\Number Of Years Been Teaching
 Record Number : 1
 Position : 29-30
 Format : N2.0
 Comment : TQ1-3: TIMSS95: TQ1-7 same ATBGTAUG

Response	Codes Percent	Unweighted Frequency	
1-41		814	88.4
Not administered	98	85	9.2
Omitted	99	22	2.4
		921	100.0%

What is the highest level of formal education you have completed?

Variable Name : ATBGFEDC Gen\Level Of Formal Education Completed
Record Number : 1
Position : 31-31
Format : N1.0
Comment : TQ1-4: Modified from TIMSS95: TQ1-3 ATBGEDUC

Response	Codes Percent	Unweighted Frequency	
Did not compl ISCED 3	1	0	0.0
Finished ISCED 3	2	0	0.0
Finished ISCED 4B	3	2	0.2
Finished ISCED 5B	4	0	0.0
Finished ISCED 5A, first degree	5	375	40.7
Finished ISCED 5A, 2nd degree or higher	6	428	46.5
Not administered	8	85	9.2
Omitted	9	31	3.4
		921	100.0%

How many years of preservice teacher training did you have (e.g., time spent in a teacher education program such as student teaching or a mentorship)? Please round to the nearest whole number.

Variable Name : ATBGYTTR Gen\Years Of Teacher Training
Record Number : 1
Position : 32-33
Format : N2.0
Comment : TQ1-5: New Question

Response	Codes Percent	Unweighted Frequency	
0 Years	1	36	3.9
1 Year	2	457	49.6
2 Years	3	164	17.8
3 Years	4	69	7.5
4 Years	5	53	5.8
5 Years	6	20	2.2
More than 5 years	7	8	0.9
Not administered	98	85	9.2
Omitted	99	29	3.2
		921	100.0%

During your college or university education, what was your main area(s) of study? Education Primary/Elementary

Variable Name : ATBGPSEP Gen\Major Area Of Study\Ed Primary
Record Number : 1
Position : 34-34
Format : N1.0
Comment : TQ1-6AA: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	692	75.1
No	2	111	12.1
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	33	3.6
		921	100.0%

During your college or university education, what was your main area(s) of study? Education - Secondary

Variable Name : ATBGPSES Gen\Major Area Of Study\Ed Secondary
Record Number : 1
Position : 35-35
Format : N1.0
Comment : TQ1-6AB: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	32	3.5
No	2	762	82.7
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	42	4.6
		921	100.0%

During your college or university education, what was your main area(s) of study? Mathematics

Variable Name : ATBMPSMA Mat\Major Area Of Study\Mathematics
Record Number : 1
Position : 36-36
Format : N1.0
Comment : TQ1-6AC: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	40	4.3
No	2	759	82.4
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	37	4.0
		921	100.0%

During your college or university education, what was your main area(s) of study? Science

Variable Name : ATBSPSSC Sci\Major Area Of Study\Science
Record Number : 1
Position : 37-37
Format : N1.0
Comment : TQ1-6AD: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	75	8.1
No	2	722	78.4
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	39	4.2
		921	100.0%

During your college or university education, what was your main area(s) of study? Other

Variable Name : ATBGPSOT Gen\Major Area Of Study\Other
Record Number : 1
Position : 38-38
Format : N1.0
Comment : TQ1-6AE: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	423	45.9
No	2	366	39.7
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	47	5.1
		921	100.0%

If your major or main area of study was education (a-c in 6A above), did you have a specialization in any of the following? Mathematics

Variable Name : ATBMEDMA Mat\Main Area Educ\Mathematics
Record Number : 1
Position : 39-39
Format : N1.0
Comment : TQ1-6BA: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	58	6.3
No	2	670	72.8
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	108	11.7
		921	100.0%

If your major or main area of study was education (a-c in 6A above), did you have a specialization in any of the following? Science

Variable Name : ATBSEDSC Sci\Main Area Educ\Science
Record Number : 1
Position : 40-40
Format : N1.0
Comment : TQ1-6BB: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	53	5.8
No	2	674	73.2
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	109	11.8
		921	100.0%

If your major or main area of study was education (a-c in 6A above), did you have a specialization in any of the following? Language/reading

Variable Name : ATBGEDLR Gen\Main Area Educ\Language Reading
Record Number : 1
Position : 41-41
Format : N1.0
Comment : TQ1-6BC: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	175	19.0
No	2	551	59.8
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	110	11.9
		921	100.0%

If your major or main area of study was education (a-c in 6A above), did you have a specialization in any of the following? Other subject

Variable Name : ATBGEDOT Gen\Main Area Educ\Other
Record Number : 1
Position : 42-42
Format : N1.0
Comment : TQ1-6BD: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	246	26.7
No	2	483	52.4
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	107	11.6
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a bachelor's degree

Variable Name : ATBGRB5A Gen\Requirements For Certi\SCED 5A
Record Number : 1
Position : 43-43
Format : N1.0
Comment : TQ1-7A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	780	84.7
No	2	28	3.0
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	28	3.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a probationary period

Variable Name : ATBGRBPP Gen\Requirements For Certi\Probation Per
Record Number : 1
Position : 44-44
Format : N1.0
Comment : TQ1-7B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	409	44.4
No	2	399	43.3
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	28	3.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a minimum number of education courses

Variable Name : ATBGRBEC Gen\Requirements For Certi\Educa Courses
Record Number : 1
Position : 45-45
Format : N1.0
Comment : TQ1-7C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	622	67.5
No	2	186	20.2
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	28	3.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a minimum number of mathematics courses

Variable Name : ATBMRBMC Mat\Requirements For Certi\Math Courses
Record Number : 1
Position : 46-46
Format : N1.0
Comment : TQ1-7D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	486	52.8
No	2	322	35.0
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	28	3.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a minimum number of science courses

Variable Name : ATBSRBSC Sci\Requirements For Certi\Sci Courses
Record Number : 1
Position : 47-47
Format : N1.0
Comment : TQ1-7E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	481	52.2
No	2	327	35.5
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	28	3.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Pass a licensing examination

Variable Name : ATBGRBLE Gen\Requirements For Certi\Licens Exam
Record Number : 1
Position : 48-48
Format : N1.0
Comment : TQ1-7F: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	500	54.3
No	2	306	33.2
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	30	3.3
		921	100.0%

Do you have a teaching license or certificate?

Variable Name : ATBGTLCE Gen\Teaching Certificate
Record Number : 1
Position : 49-49
Format : N1.0
Comment : TQ1-8A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	789	85.7
No	2	8	0.9
Missing	6	0	0.0
Not administered	8	85	9.2
Omitted	9	39	4.2
		921	100.0%

What type of license or certificate do you hold?

Variable Name : ATBGTELC Gen\Teaching Certificate\Type
Record Number : 1
Position : 50-50
Format : N1.0
Comment : TQ1-8B: New Question

Response	Codes Percent	Unweighted Frequency	
<Full certificate>	1	724	78.6
<Provisional certificate>	2	48	5.2
<Emergency certificate>	3	10	1.1
<Other>	4	0	0.0
Missing	6	8	0.9
Not administered	8	85	9.2
Omitted	9	46	5.0
		921	100.0%

How would you characterize each of the following within your school? Teachers' job satisfaction

Variable Name : ATBGCHTS Gen\Characterize\Job Satisfaction
Record Number : 1
Position : 51-51
Format : N1.0
Comment : TQ1-9A: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	193	21.0
High	2	393	42.7
Medium	3	181	19.7
Low	4	22	2.4
Very low	5	4	0.4
Not administered	8	87	9.5
Omitted	9	41	4.5
		921	100.0%

How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals

Variable Name : ATBGCHTU Gen\Characterize\Understanding
 Record Number : 1
 Position : 52-52
 Format : N1.0
 Comment : TQ1-9B: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	319	34.6
High	2	366	39.7
Medium	3	106	11.5
Low	4	4	0.4
Very low	5	0	0.0
Not administered	8	87	9.5
Omitted	9	39	4.2
		921	100.0%

How would you characterize each of the following within your school? Teachers' degree of success in implementing the school's curriculum

Variable Name : ATBGCHTC Gen\Characterize\Degree Of Success
 Record Number : 1
 Position : 53-53
 Format : N1.0
 Comment : TQ1-9C: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	207	22.5
High	2	429	46.6
Medium	3	143	15.5
Low	4	12	1.3
Very low	5	0	0.0
Not administered	8	87	9.5
Omitted	9	43	4.7
		921	100.0%

How would you characterize each of the following within your school? Teachers' expectations for student achievement

Variable Name : ATBGCHES Gen\Characterize\Expectations
Record Number : 1
Position : 54-54
Format : N1.0
Comment : TQ1-9D: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	348	37.8
High	2	375	40.7
Medium	3	59	6.4
Low	4	12	1.3
Very low	5	0	0.0
Not administered	8	87	9.5
Omitted	9	40	4.3
		921	100.0%

How would you characterize each of the following within your school? Parental support for student achievement

Variable Name : ATBGCHPS Gen\Characterize\Parental Support
Record Number : 1
Position : 55-55
Format : N1.0
Comment : TQ1-9E: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	92	10.0
High	2	201	21.8
Medium	3	300	32.6
Low	4	127	13.8
Very low	5	77	8.4
Not administered	8	87	9.5
Omitted	9	37	4.0
		921	100.0%

How would you characterize each of the following within your school? Parental involvement in school activities

Variable Name : ATBGCHPI Gen\Characterize\Parental Involvement
Record Number : 1
Position : 56-56
Format : N1.0
Comment : TQ1-9F: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	129	14.0
High	2	138	15.0
Medium	3	256	27.8
Low	4	187	20.3
Very low	5	87	9.5
Not administered	8	87	9.5
Omitted	9	37	4.0
		921	100.0%

How would you characterize each of the following within your school? Students' regard for school property

Variable Name : ATBGCHSR Gen\Characterize\Student Regard
Record Number : 1
Position : 57-57
Format : N1.0
Comment : TQ1-9G: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	98	10.6
High	2	286	31.1
Medium	3	302	32.8
Low	4	91	9.9
Very low	5	19	2.1
Not administered	8	87	9.5
Omitted	9	38	4.1
		921	100.0%

How would you characterize each of the following within your school? Students' desire to do well in school

Variable Name : ATBGCHSD Gen\Characterize\Student Desire
Record Number : 1
Position : 58-58
Format : N1.0
Comment : TQ1-9H: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	63	6.8
High	2	308	33.4
Medium	3	334	36.3
Low	4	78	8.5
Very low	5	12	1.3
Not administered	8	87	9.5
Omitted	9	39	4.2
		921	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school facility (building and grounds) is in need of significant repair

Variable Name : ATBGCURE Gen\Current School\Needs Repair
 Record Number : 1
 Position : 59-59
 Format : N1.0
 Comment : TQ1-10A: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	104	11.3
Agree	2	204	22.2
Disagree	3	307	33.3
Disagree a lot	4	189	20.5
Not administered	8	87	9.5
Omitted	9	30	3.3
		921	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school is located in a safe neighborhood

Variable Name : ATBGCUSN Gen\Current School\Loca In Safe Neighbor
 Record Number : 1
 Position : 60-60
 Format : N1.0
 Comment : TQ1-10B: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	339	36.8
Agree	2	339	36.8
Disagree	3	84	9.1
Disagree a lot	4	40	4.3
Not administered	8	87	9.5
Omitted	9	32	3.5
		921	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. I feel safe at this school

Variable Name : ATBGCUSA Gen\Current School\I Feel Safe In School
 Record Number : 1
 Position : 61-61
 Format : N1.0
 Comment : TQ1-10C: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	432	46.9
Agree	2	340	36.9
Disagree	3	19	2.1
Disagree a lot	4	10	1.1
Not administered	8	87	9.5
Omitted	9	33	3.6
		921	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school's security policies and practices are sufficient

Variable Name : ATBGCUAS Gen\Current School\Security Policies Suf
 Record Number : 1
 Position : 62-62
 Format : N1.0
 Comment : TQ1-10D: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	317	34.4
Agree	2	390	42.4
Disagree	3	76	8.3
Disagree a lot	4	17	1.9
Not administered	8	87	9.5
Omitted	9	34	3.7
		921	100.0%

How often do you have the following types of interactions with other teachers? Discussions about how to teach a particular concept

Variable Name : ATBGOTDC Gen\Interactions Teachers\Discuss Concep
Record Number : 1
Position : 63-63
Format : N1.0
Comment : TQ1-11A: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	62	6.7
2 or 3 times per month	2	217	23.6
1-3 times per week	3	323	35.1
Daily or almost daily	4	200	21.7
Not administered	8	87	9.5
Omitted	9	32	3.5
		921	100.0%

How often do you have the following types of interactions with other teachers? Working on preparing instructional materials

Variable Name : ATBGOTPM Gen\Interactions Teachers\Prepare Instru
Record Number : 1
Position : 64-64
Format : N1.0
Comment : TQ1-11B: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	81	8.8
2 or 3 times per month	2	228	24.8
1-3 times per week	3	295	32.0
Daily or almost daily	4	198	21.5
Not administered	8	87	9.5
Omitted	9	32	3.5
		921	100.0%

How often do you have the following types of interactions with other teachers? Visits to another teacher's classroom to observe his/her teaching

Variable Name : ATBGOTVT Gen\Interactions Teacher\Visits Class
Record Number : 1
Position : 65-65
Format : N1.0
Comment : TQ1-11C: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	621	67.4
2 or 3 times per month	2	142	15.4
1-3 times per week	3	19	2.1
Daily or almost daily	4	20	2.2
Not administered	8	87	9.5
Omitted	9	32	3.5
		921	100.0%

How often do you have the following types of interactions with other teachers? Informal observations of my classroom by another teacher

Variable Name : ATBGOTAT Gen\Interactions Teachers\Inf Observatio
Record Number : 1
Position : 66-66
Format : N1.0
Comment : TQ1-11D: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	603	65.5
2 or 3 times per month	2	162	17.6
1-3 times per week	3	18	2.0
Daily or almost daily	4	18	2.0
Not administered	8	87	9.5
Omitted	9	33	3.6
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Number - Adding, subtracting, multiplying and/or dividing with whole numbers

Variable Name : ATBMRT01 Mat\Ready\Number\Adding Subtracting
 Record Number : 1
 Position : 67-67
 Format : N1.0
 Comment : TQ1-12AA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	704	76.4
Ready	2	52	5.7
Not ready	3	0	0.0
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Number - Fractions (parts of a whole or a collection, location on a number line)

Variable Name : ATBMRT02 Mat\Ready\Number\Fractions
 Record Number : 1
 Position : 68-68
 Format : N1.0
 Comment : TQ1-12AB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	617	67.0
Ready	2	132	14.3
Not ready	3	7	0.8
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Number - Fractions or decimals represented by words, numbers, or models

Variable Name : ATBMRT03 Mat\Ready\Number\Fractions Or Decimals
 Record Number : 1
 Position : 69-69
 Format : N1.0
 Comment : TQ1-12AC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	593	64.4
Ready	2	155	16.8
Not ready	3	8	0.9
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Number - Adding and subtracting with decimals

Variable Name : ATBMRT04 Mat\Ready\Number\Adding Subtracting Dec
 Record Number : 1
 Position : 70-70
 Format : N1.0
 Comment : TQ1-12AD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	649	70.5
Ready	2	99	10.8
Not ready	3	8	0.9
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Patterns, Equations, and Relationships - Patterns of numbers or shapes

Variable Name : ATBMRT05 Mat\Ready\Pattern\Patterns Of Numbers
 Record Number : 1
 Position : 71-71
 Format : N1.0
 Comment : TQ1-12BA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	619	67.2
Ready	2	134	14.6
Not ready	3	3	0.3
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Patterns, Equations, and Relationships - Simple equations

Variable Name : ATBMRT06 Mat\Ready\Pattern\Simple Equatations
 Record Number : 1
 Position : 72-72
 Format : N1.0
 Comment : TQ1-12BB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	651	70.7
Ready	2	101	11.0
Not ready	3	4	0.4
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Patterns, Equations, and Relationships - Finding rule for relationship given number pairs

Variable Name : ATBMRT07 Mat\Ready\Pattern\Finding A Rule
 Record Number : 1
 Position : 73-73
 Format : N1.0
 Comment : TQ1-12BC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	553	60.0
Ready	2	194	21.1
Not ready	3	9	1.0
Not administered	8	87	9.5
Omitted	9	78	8.5
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Measurement - Recognizing & selecting units to measure length, weight, time, and temperature

Variable Name : ATBMRT08 Mat\Ready\Measurement\Recognizing
 Record Number : 1
 Position : 74-74
 Format : N1.0
 Comment : TQ1-12CA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	554	60.2
Ready	2	192	20.9
Not ready	3	4	0.4
Not administered	8	87	9.5
Omitted	9	84	9.1
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Measurement - Estimating and measuring length, area, volume, weight, and time

Variable Name : ATBMRT09 Mat\Ready\Measurement\Estimating
 Record Number : 1
 Position : 75-75
 Format : N1.0
 Comment : TQ1-12CB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	503	54.6
Ready	2	248	26.9
Not ready	3	2	0.2
Not administered	8	87	9.5
Omitted	9	81	8.8
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Geometry - Familiar two- and three-dimensional shapes and their properties

Variable Name : ATBMRT10 Mat\Ready\Geometry\Familiar Shapes
 Record Number : 1
 Position : 76-76
 Format : N1.0
 Comment : TQ1-12DA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	585	63.5
Ready	2	159	17.3
Not ready	3	10	1.1
Not administered	8	87	9.5
Omitted	9	80	8.7
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Geometry - Congruent triangles (i.e., same shape and size)

Variable Name : ATBMRT11 Mat\Ready\Geometry\Congr Triangles
 Record Number : 1
 Position : 77-77
 Format : N1.0
 Comment : TQ1-12DB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	608	66.0
Ready	2	139	15.1
Not ready	3	7	0.8
Not administered	8	87	9.5
Omitted	9	80	8.7
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Geometry - Relationships between two-dimensional and three-dimensional shapes

Variable Name : ATBMRT12 Mat\Ready\Geometry\Relationships
 Record Number : 1
 Position : 78-78
 Format : N1.0
 Comment : TQ1-12DC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	517	56.1
Ready	2	219	23.8
Not ready	3	16	1.7
Not administered	8	87	9.5
Omitted	9	82	8.9
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Geometry - Translation, reflection, and rotation (shifts, flips, and turns of shapes)

Variable Name : ATBMRT13 Mat\Ready\Geometry\Translation Refl
 Record Number : 1
 Position : 79-79
 Format : N1.0
 Comment : TQ1-12DD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	481	52.2
Ready	2	246	26.7
Not ready	3	27	2.9
Not administered	8	87	9.5
Omitted	9	80	8.7
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Data - Recognizing what various numbers, symbols, and points mean in data displays

Variable Name : ATBMRT14 Mat\Ready\Data\Recognizing Numbers
 Record Number : 1
 Position : 80-80
 Format : N1.0
 Comment : TQ1-12EA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	577	62.7
Ready	2	161	17.5
Not ready	3	13	1.4
Not administered	8	87	9.5
Omitted	9	83	9.0
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Data - Displaying data using tables, pictographs, and bar graphs

Variable Name : ATBMRT15 Mat\Ready\Data\Displaying Data
Record Number : 1
Position : 81-81
Format : N1.0
Comment : TQ1-12EB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	653	70.9
Ready	2	97	10.5
Not ready	3	2	0.2
Not administered	8	87	9.5
Omitted	9	82	8.9
		921	100.0%

Considering your training and experience in both mathematics content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Data - Drawing conclusions from data displays

Variable Name : ATBMRT16 Mat\Ready\Data\Drawing Conclusion
Record Number : 1
Position : 82-82
Format : N1.0
Comment : TQ1-12EC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	602	65.4
Ready	2	144	15.6
Not ready	3	6	0.7
Not administered	8	87	9.5
Omitted	9	82	8.9
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Mathematics content

Variable Name : ATBMPDMT Mat\Participated Developm\Math Content
Record Number : 1
Position : 83-83
Format : N1.0
Comment : TQ1-13A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	499	54.2
No	2	256	27.8
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	79	8.6
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Mathematics pedagogy/instruction

Variable Name : ATBMPDMP Mat\Participated Developm\Math Pedagogy
Record Number : 1
Position : 84-84
Format : N1.0
Comment : TQ1-13B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	418	45.4
No	2	335	36.4
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	81	8.8
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Mathematics curriculum

Variable Name : ATBMPDMC Mat\Participated Developm\Math Curricul
Record Number : 1
Position : 85-85
Format : N1.0
Comment : TQ1-13C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	493	53.5
No	2	258	28.0
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	83	9.0
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Integrating information technology into mathematics

Variable Name : ATBMPDIT Mat\Participated Developm\Integrate It
Record Number : 1
Position : 86-86
Format : N1.0
Comment : TQ1-13D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	302	32.8
No	2	452	49.1
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	80	8.7
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or problem-solving skills

Variable Name : ATBGPDCCT Gen\Participated Developm\Improve Critic
Record Number : 1
Position : 87-87
Format : N1.0
Comment : TQ1-13E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	446	48.4
No	2	307	33.3
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	81	8.8
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Mathematics assessment

Variable Name : ATBMPDMA Mat\Participated Developm\math Assessm
Record Number : 1
Position : 88-88
Format : N1.0
Comment : TQ1-13F: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	416	45.2
No	2	337	36.6
Missing	6	0	0.0
Not administered	8	87	9.5
Omitted	9	81	8.8
		921	100.0%

How many students are in the TIMSS class for mathematics?

Variable Name : ATBMSTUD Mat\Number Of Std\In TIMSS Class
Record Number : 1
Position : 89-91
Format : N3.0
Comment : TQ1-14A: Modified from TIMSS95: TQ1-14 ATBGBOY ATBGGIRL

Response	Codes Percent	Unweighted Frequency	
5-55		728	79.0
Not administered	998	90	9.8
Omitted	999	103	11.2
		921	100.0%

How many students in Question 14A are in the fourth-grade ?

Variable Name : ATBMSTDQ Mat\Number Of Std\In 4th Grade
Record Number : 1
Position : 92-94
Format : N3.0
Comment : TQ1-14B: New Question

Response	Codes Percent	Unweighted Frequency	
5-55		703	76.3
Not administered	998	90	9.8
Omitted	999	128	13.9
		921	100.0%

How many minutes per week do you teach mathematics to the fourth-grade students in the TIMSS class?

Variable Name : ATBMTIMT Mat\Minutes Teach Math Per Week To Class
Record Number : 1
Position : 95-97
Format : N3.0
Comment : TQ1-15: Modified from TIMSS95: TQ1-16 ATBMTIME

Response	Codes Percent	Unweighted Frequency	
22-300		547	59.4
Not administered	998	90	9.8
Omitted	999	284	30.8
		921	100.0%

Do you use a textbook(s) in teaching mathematics to the fourth-grade students in the TIMSS class?

Variable Name : ATBMTBTC Mat\Textbook\Use For Math
Record Number : 1
Position : 98-98
Format : N1.0
Comment : TQ1-16A: Modified from TIMSS95: TQ1-17 ATBMTXBK

Response	Codes Percent	Unweighted Frequency	
Yes	1	658	71.4
No	2	78	8.5
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	95	10.3
		921	100.0%

How do you use a textbook(s) in teaching mathematics to the fourth-grade students in the TIMSS class?

Variable Name : ATBMTXBU Mat\Textbook\Used How In Teaching Math
Record Number : 1
Position : 99-99
Format : N1.0
Comment : TQ1-16B: New Question

Response	Codes Percent	Unweighted Frequency	
As the primary basis for my lessons	1	431	46.8
As a supplementary resource	2	221	24.0
Missing	6	78	8.5
Not administered	8	90	9.8
Omitted	9	101	11.0
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Reviewing homework

Variable Name : ATBMPTRH Mat\Percentage Of Time\Review Hmw
Record Number : 1
Position : 100-102
Format : N3.0
Comment : TQ1-17A: New Question

Response	Codes Percent	Unweighted Frequency	
0-40		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Listening to lecture-style presentations

Variable Name : ATBMPTLS Mat\Percentage Of Time\Listen Present
Record Number : 1
Position : 103-105
Format : N3.0
Comment : TQ1-17B: New Question

Response	Codes Percent	Unweighted Frequency	
0-100		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Working problems with your guidance

Variable Name : ATBMPTYG Mat\Percentage Of Time\Work Probl
 Record Number : 1
 Position : 106-108
 Format : N3.0
 Comment : TQ1-17C: New Question

Response	Codes Percent	Unweighted Frequency	
0-70		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Working problems on their own without your guidance

Variable Name : ATBMPTOO Mat\Percentage Of Time\Wrk Probl On Own
 Record Number : 1
 Position : 109-111
 Format : N3.0
 Comment : TQ1-17D: New Question

Response	Codes Percent	Unweighted Frequency	
0-60		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Listening to you re-teach and clarify content/procedures

Variable Name : ATBMPTRT Mat\Percentage Of Time\Listn To Reteach
 Record Number : 1
 Position : 112-114
 Format : N3.0
 Comment : TQ1-17E: New Question

Response	Codes Percent	Unweighted Frequency	
0-30		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Taking tests or quizzes

Variable Name : ATBMPTTQ Mat\Percentage Of Time\Tests Or Quizzes
Record Number : 1
Position : 115-117
Format : N3.0
Comment : TQ1-17F: New Question

Response	Codes Percent	Unweighted Frequency	
0-30		723	78.5
Not administered	998	90	9.8
Omitted	999	108	11.7
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Classroom management tasks not related to the lesson's content/purpose

Variable Name : ATBMPTCM Mat\Percentage Of Time\Part CIs Managem
Record Number : 1
Position : 118-120
Format : N3.0
Comment : TQ1-17G: New Question

Response	Codes Percent	Unweighted Frequency	
0-40		724	78.6
Not administered	998	90	9.8
Omitted	999	107	11.6
		921	100.0%

In a typical week of mathematics lessons for the fourth-grade students in the TIMSS class, what percentage of time do students spend on each of the following activities? Other student activities

Variable Name : ATBMPTOA Mat\Percentage Of Time\Other Activities
Record Number : 1
Position : 121-123
Format : N3.0
Comment : TQ1-17H: New Question

Response	Codes Percent	Unweighted Frequency	
0-50		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

Are the fourth-grade students in the TIMSS class permitted to use calculators during mathematics lessons?

Variable Name : ATBMCAML Mat\Calculator\Use Permitted For Std
Record Number : 1
Position : 124-124
Format : N1.0
Comment : TQ1-18: New Question

Response	Codes Percent	Unweighted Frequency	
Yes, with unrestricted use	1	31	3.4
Yes, with restricted use	2	439	47.7
No, calculators are not permitted	3	225	24.4
Not administered	8	90	9.8
Omitted	9	136	14.8
		921	100.0%

How many fourth-grade students in the TIMSS class have calculators available to use during mathematics lessons?

Variable Name : ATBMHSHC Mat\Calculator\Avail During Math Less
Record Number : 1
Position : 125-125
Format : N1.0
Comment : TQ1-19: Modified from TIMSS95: TQ1-21 ATBMCALC

Response	Codes Percent	Unweighted Frequency	
All	1	355	38.6
Most	2	32	3.5
About half	3	15	1.6
Some	4	76	8.3
None	5	36	3.9
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

How often do the fourth-grade students in the TIMSS class use calculators in their mathematics lessons for the following activities? Check answers

Variable Name : ATBMCALA Mat\Calculator\Use\Check Answers
Record Number : 1
Position : 126-126
Format : N1.0
Comment : TQ1-20A: Modified from TIMSS95: TQ1-22A ATBGCAL1

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	7	0.8
About half the lessons	2	41	4.5
Some lessons	3	362	39.3
Never	4	93	10.1
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

How often do the fourth-grade students in the TIMSS class use calculators in their mathematics lessons for the following activities? Do routine computations

Variable Name : ATBMCALR Mat\Calculator\Use\Do Routine Comput
Record Number : 1
Position : 127-127
Format : N1.0
Comment : TQ1-20B: Modified from TIMSS95: TQ1-22c ATBGCAL3

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	0	0.0
About half the lessons	2	19	2.1
Some lessons	3	264	28.7
Never	4	216	23.5
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	107	11.6
		921	100.0%

How often do the fourth-grade students in the TIMSS class use calculators in their mathematics lessons for the following activities? Solve complex problems

Variable Name : ATBMCALS Mat\Calculator\Use\Solve Complex Problem
Record Number : 1
Position : 128-128
Format : N1.0
Comment : TQ1-20C: Modified from TIMSS95: TQ1-22d ATBGCAL4

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	30	3.3
About half the lessons	2	36	3.9
Some lessons	3	334	36.3
Never	4	101	11.0
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	105	11.4
		921	100.0%

How often do the fourth-grade students in the TIMSS class use calculators in their mathematics lessons for the following activities? Explore number concepts

Variable Name : ATBMCALE Mat\Calculator\Use\Explore Nr Concepts
Record Number : 1
Position : 129-129
Format : N1.0
Comment : TQ1-20D: Modified from TIMSS95: TQ1-22e ATBGCAL5

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	16	1.7
About half the lessons	2	26	2.8
Some lessons	3	377	40.9
Never	4	84	9.1
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

How often are the fourth-grade students in the TIMSS class permitted to use calculators during tests or examinations?

Variable Name : ATBMCATE Mat\Calculator\Permitted During Tests
Record Number : 1
Position : 130-130
Format : N1.0
Comment : TQ1-21: New Question

Response	Codes Percent	Unweighted Frequency	
Always	1	2	0.2
Sometimes	2	180	19.5
Never	3	331	35.9
Missing	6	225	24.4
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

Do the fourth-grade students in the TIMSS class have computers available to use during their mathematics lessons?

Variable Name : ATBMCOMA Mat\Computer\Available In Math Less
Record Number : 1
Position : 131-131
Format : N1.0
Comment : TQ1-22A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	462	50.2
No	2	278	30.2
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

Do any of the computers have access to the Internet?

Variable Name : ATBMINTA Mat\Computer\Access To Internet
Record Number : 1
Position : 132-132
Format : N1.0
Comment : TQ1-22B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	436	47.3
No	2	15	1.6
Missing	6	278	30.2
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Discover mathematics principles and concepts

Variable Name : ATBMCADM Mat\Computer\Use\Disc Math Principle
Record Number : 1
Position : 133-133
Format : N1.0
Comment : TQ1-23A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	6	0.7
About half the lessons	2	13	1.4
Some lessons	3	255	27.7
Never	4	185	20.1
Missing	6	278	30.2
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Practice skills and procedures

Variable Name : ATBMCASP Mat\Computer\Use\Practice Skills
Record Number : 1
Position : 134-134
Format : N1.0
Comment : TQ1-23B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	17	1.9
About half the lessons	2	37	4.0
Some lessons	3	325	35.3
Never	4	80	8.7
Missing	6	278	30.2
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Look up ideas and information

Variable Name : ATBMCALI Mat\Computer\Use\Look Up Ideas
Record Number : 1
Position : 135-135
Format : N1.0
Comment : TQ1-23C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	3	0.3
About half the lessons	2	23	2.5
Some lessons	3	263	28.6
Never	4	170	18.5
Missing	6	278	30.2
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Practice adding, subtracting, multiplying, and dividing without using a calculator

Variable Name : ATBMASPC Mat\How Often Ask\Practice Adding Subtr
Record Number : 1
Position : 136-136
Format : N1.0
Comment : TQ1-24A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	513	55.7
About half the lessons	2	123	13.4
Some lessons	3	83	9.0
Never	4	22	2.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	90	9.8
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Work on fractions and decimals

Variable Name : ATBMASWF Mat\How Often Ask\Work On Fractions
Record Number : 1
Position : 137-137
Format : N1.0
Comment : TQ1-24B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	41	4.5
About half the lessons	2	131	14.2
Some lessons	3	552	59.9
Never	4	13	1.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Measure things in the classroom and around the school

Variable Name : ATBMASMS Mat\How Often Ask\Measure Things
Record Number : 1
Position : 138-138
Format : N1.0
Comment : TQ1-24C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	17	1.9
About half the lessons	2	49	5.3
Some lessons	3	662	71.9
Never	4	10	1.1
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Make tables, charts, or graphs

Variable Name : ATBMASMG Mat\How Often Ask\Make Tables Charts
Record Number : 1
Position : 139-139
Format : N1.0
Comment : TQ1-24D: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	26	2.8
About half the lessons	2	116	12.6
Some lessons	3	596	64.7
Never	4	2	0.2
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Learn about shapes such as circles, triangles, rectangles, and cubes

Variable Name : ATBMASLC Mat\How Often Ask\Learn About Shapes
Record Number : 1
Position : 140-140
Format : N1.0
Comment : TQ1-24E: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	21	2.3
About half the lessons	2	70	7.6
Some lessons	3	643	69.8
Never	4	3	0.3
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Write equations for word problems

Variable Name : ATBMASWP Mat\How Often Ask\Write Equatations
Record Number : 1
Position : 141-141
Format : N1.0
Comment : TQ1-24F: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	161	17.5
About half the lessons	2	193	21.0
Some lessons	3	378	41.0
Never	4	4	0.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	95	10.3
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Work together in small groups

Variable Name : ATBMASSG Mat\How Often Ask\Work Together In Group
Record Number : 1
Position : 142-142
Format : N1.0
Comment : TQ1-24G: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	158	17.2
About half the lessons	2	238	25.8
Some lessons	3	327	35.5
Never	4	15	1.6
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

In teaching mathematics to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Explain their answers

Variable Name : ATBMASEA Mat\How Often Ask\Explain Answers
Record Number : 1
Position : 143-143
Format : N1.0
Comment : TQ1-24H: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	397	43.1
About half the lessons	2	195	21.2
Some lessons	3	146	15.9
Never	4	1	0.1
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content? Number (includes computation with whole numbers, fractions, and decimals)

Variable Name : ATBMTTNU Mat\Percentage Of Teaching Spend\Number
Record Number : 1
Position : 144-146
Format : N3.0
Comment : TQ1-25A: New Question

Response	Codes Percent	Unweighted Frequency	
10-80		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content areas? Patterns, Equations, and Relationships

Variable Name : ATBMTTPA Mat\Percentage Of Teaching Spend\Pattern
Record Number : 1
Position : 147-149
Format : N3.0
Comment : TQ1-25B: New Question

Response	Codes Percent	Unweighted Frequency	
5-40		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content areas? Measurement (includes recognizing units and using tools)

Variable Name : ATBMTTME Mat\Percentage Of Teaching Spend\Measure
Record Number : 1
Position : 150-152
Format : N3.0
Comment : TQ1-25C: New Question

Response	Codes Percent	Unweighted Frequency	
0-40		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content areas? Geometry (includes two- and three- dimensional shapes)

Variable Name : ATBMTTGE Mat\Percentage Of Teaching Spend\Geometr
Record Number : 1
Position : 153-155
Format : N3.0
Comment : TQ1-25D: New Question

Response	Codes Percent	Unweighted Frequency	
2-30		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content areas? Data (includes reading, making, and interpreting tables and graphs)

Variable Name : ATBMTTDA Mat\Percentage Of Teaching Spend\Data
Record Number : 1
Position : 156-158
Format : N3.0
Comment : TQ1-25E: New Question

Response	Codes Percent	Unweighted Frequency	
0-30		721	78.3
Not administered	998	90	9.8
Omitted	999	110	11.9
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following mathematics content areas? Other, please specify:

Variable Name : ATBMCOTH Mat\Percentage Of Teaching Spend\Other
 Record Number : 1
 Position : 159-161
 Format : N3.0
 Comment : TQ1-25F: New Question

Response	Codes Percent	Unweighted Frequency	
0-50		719	78.1
Not administered	998	90	9.8
Omitted	999	112	12.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Whole numbers including place value and ordering

Variable Name : ATBMTA01 Mat\Taught\Number\Whole Numbers
 Record Number : 1
 Position : 162-162
 Format : N1.0
 Comment : TQ1-26AA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	353	38.3
Mostly taught this year	2	389	42.2
Not yet taught or just introduced	3	0	0.0
Not administered	8	90	9.8
Omitted	9	89	9.7
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Represent whole numbers using words, diagrams, or symbols

Variable Name : ATBMTA02 Mat\Taught\Number\Represent Whole Nrs
 Record Number : 1
 Position : 163-163
 Format : N1.0
 Comment : TQ1-26AB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	308	33.4
Mostly taught this year	2	408	44.3
Not yet taught or just introduced	3	15	1.6
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number - Properties of whole numbers such a odd and even multiples, or factors

Variable Name : ATBMTA03 Mat\Taught\Number\Proper Of Whole Nr
 Record Number : 1
 Position : 164-164
 Format : N1.0
 Comment : TQ1-26AC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	172	18.7
Mostly taught this year	2	557	60.5
Not yet taught or just introduced	3	11	1.2
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Computation with whole numbers

Variable Name : ATBMTA04 Mat\Taught\Number\Comput With Whole Nrs
 Record Number : 1
 Position : 165-165
 Format : N1.0
 Comment : TQ1-26AD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	343	37.2
Mostly taught this year	2	399	43.3
Not yet taught or just introduced	3	0	0.0
Not administered	8	90	9.8
Omitted	9	89	9.7
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Estimation with whole numbers

Variable Name : ATBMTA05 Mat\Taught\Number\Estimat With Whole Nrs
 Record Number : 1
 Position : 166-166
 Format : N1.0
 Comment : TQ1-26AE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	178	19.3
Mostly taught this year	2	558	60.6
Not yet taught or just introduced	3	3	0.3
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Fractions (parts of a whole or a collection, location on a number line)

Variable Name : ATBMTA06 Mat\Taught\Number\Fractions
 Record Number : 1
 Position : 167-167
 Format : N1.0
 Comment : TQ1-26AF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	63	6.8
Mostly taught this year	2	604	65.6
Not yet taught or just introduced	3	77	8.4
Not administered	8	90	9.8
Omitted	9	87	9.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Equivalent fractions

Variable Name : ATBMTA07 Mat\Taught\Number\Equivalent Fractions
Record Number : 1
Position : 168-168
Format : N1.0
Comment : TQ1-26AG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	12	1.3
Mostly taught this year	2	549	59.6
Not yet taught or just introduced	3	181	19.7
Not administered	8	90	9.8
Omitted	9	89	9.7
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Compare and order fractions

Variable Name : ATBMTA08 Mat\Taught\Number\Comp Order Fractions
Record Number : 1
Position : 169-169
Format : N1.0
Comment : TQ1-26AH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	12	1.3
Mostly taught this year	2	509	55.3
Not yet taught or just introduced	3	219	23.8
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Fractions or decimals represented by words, numbers, or models

Variable Name : ATBMTA09 Mat\Taught\Number\Fractions Or Decimals
Record Number : 1
Position : 170-170
Format : N1.0
Comment : TQ1-26AI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	19	2.1
Mostly taught this year	2	538	58.4
Not yet taught or just introduced	3	182	19.8
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Adding and subtracting fractions with the same denominator

Variable Name : ATBMTA10 Mat\Taught\Number\Adding Subtr Fractions
Record Number : 1
Position : 171-171
Format : N1.0
Comment : TQ1-26AJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	14	1.5
Mostly taught this year	2	493	53.5
Not yet taught or just introduced	3	232	25.2
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Adding and subtracting with decimals (tenths and/or hundredths)

Variable Name : ATBMTA11 Mat\Taught\Number\Adding Subtr Decimals
Record Number : 1
Position : 172-172
Format : N1.0
Comment : TQ1-26AK: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	22	2.4
Mostly taught this year	2	498	54.1
Not yet taught or just introduced	3	220	23.9
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Number -Simple proportional reasoning

Variable Name : ATBMTA12 Mat\Taught\Number\Simple Proport Reas
 Record Number : 1
 Position : 173-173
 Format : N1.0
 Comment : TQ1-26AL: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	25	2.7
Mostly taught this year	2	418	45.4
Not yet taught or just introduced	3	286	31.1
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Patterns of numbers or shapes

Variable Name : ATBMTA13 Mat\Taught\Patterns Eq Rel\Pat Of Nrs
 Record Number : 1
 Position : 174-174
 Format : N1.0
 Comment : TQ1-26BA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	222	24.1
Mostly taught this year	2	489	53.1
Not yet taught or just introduced	3	27	2.9
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Equality using equations, areas, volumes, masses/weights

Variable Name : ATBMTA14 Mat\Taught\Patterns Eq Rel\Equality
Record Number : 1
Position : 175-175
Format : N1.0
Comment : TQ1-26BB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	15	1.6
Mostly taught this year	2	491	53.3
Not yet taught or just introduced	3	232	25.2
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Missing number in an equation

Variable Name : ATBMTA15 Mat\Taught\Patterns Eq Rel\Missing Nr
Record Number : 1
Position : 176-176
Format : N1.0
Comment : TQ1-26BC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	152	16.5
Mostly taught this year	2	580	63.0
Not yet taught or just introduced	3	12	1.3
Not administered	8	90	9.8
Omitted	9	87	9.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Simple equations

Variable Name : ATBMTA16 Mat\Taught\Patterns Eq Rel\Simple Equat
 Record Number : 1
 Position : 177-177
 Format : N1.0
 Comment : TQ1-26BD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	257	27.9
Mostly taught this year	2	461	50.1
Not yet taught or just introduced	3	20	2.2
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Pairs of numbers following a given rule

Variable Name : ATBMTA17 Mat\Taught\Patterns Eq Rel\Pairs Of Nrs
 Record Number : 1
 Position : 178-178
 Format : N1.0
 Comment : TQ1-26BE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	59	6.4
Mostly taught this year	2	589	64.0
Not yet taught or just introduced	3	92	10.0
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Patterns, Eqs, and Rels - Finding a rule for a relationship given number pairs

Variable Name : ATBMTA18 Mat\Taught\Patterns Eq Rel\Finding Rule
Record Number : 1
Position : 179-179
Format : N1.0
Comment : TQ1-26BF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	63	6.8
Mostly taught this year	2	579	62.9
Not yet taught or just introduced	3	102	11.1
Not administered	8	90	9.8
Omitted	9	87	9.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Non-standard units to measure length, area, volume, and time

Variable Name : ATBMTA19 Mat\Taught\Measurement\Non Standard Unit
Record Number : 1
Position : 180-180
Format : N1.0
Comment : TQ1-26CA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	229	24.9
Mostly taught this year	2	379	41.2
Not yet taught or just introduced	3	130	14.1
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Standard units to measure length, area, mass/weight, angle, and time

Variable Name : ATBMTA20 Mat\Taught\Measurement\Standard Units
 Record Number : 1
 Position : 181-181
 Format : N1.0
 Comment : TQ1-26CB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	55	6.0
Mostly taught this year	2	545	59.2
Not yet taught or just introduced	3	140	15.2
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Conversion factors between standard units

Variable Name : ATBMTA21 Mat\Taught\Measurement\Conversion Factors
 Record Number : 1
 Position : 182-182
 Format : N1.0
 Comment : TQ1-26CC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	21	2.3
Mostly taught this year	2	468	50.8
Not yet taught or just introduced	3	251	27.3
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Instruments to measure length, weight, time, temp

Variable Name : ATBMTA22 Mat\Taught\Measurement\Instruments
Record Number : 1
Position : 183-183
Format : N1.0
Comment : TQ1-26CD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	149	16.2
Mostly taught this year	2	506	54.9
Not yet taught or just introduced	3	83	9.0
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Calculating areas and perimeters of squares

Variable Name : ATBMTA23 Mat\Taught\Measurement\Calculating Areas
Record Number : 1
Position : 184-184
Format : N1.0
Comment : TQ1-26CE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	34	3.7
Mostly taught this year	2	614	66.7
Not yet taught or just introduced	3	89	9.7
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Measurement - Estimating length, area, volume, weight, and time

Variable Name : ATBMTA24 Mat\Taught\Measurement\Estimating Length
Record Number : 1
Position : 185-185
Format : N1.0
Comment : TQ1-26CF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	32	3.5
Mostly taught this year	2	529	57.4
Not yet taught or just introduced	3	165	17.9
Not administered	8	90	9.8
Omitted	9	105	11.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Angles greater than, equal to, or less than a right angle

Variable Name : ATBMTA25 Mat\Taught\Geometry\Angles
Record Number : 1
Position : 186-186
Format : N1.0
Comment : TQ1-26DA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	31	3.4
Mostly taught this year	2	540	58.6
Not yet taught or just introduced	3	167	18.1
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Parallel and perpendicular lines

Variable Name : ATBMTA26 Mat\Taught\Geometry\Paral And Pend Lines
Record Number : 1
Position : 187-187
Format : N1.0
Comment : TQ1-26DB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	42	4.6
Mostly taught this year	2	604	65.6
Not yet taught or just introduced	3	94	10.2
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Familiar two- and three-dimensional shapes and their properties

Variable Name : ATBMTA27 Mat\Taught\Geometry\Familiar Shapes
Record Number : 1
Position : 188-188
Format : N1.0
Comment : TQ1-26DC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	93	10.1
Mostly taught this year	2	540	58.6
Not yet taught or just introduced	3	104	11.3
Not administered	8	90	9.8
Omitted	9	94	10.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Congruent triangles

Variable Name : ATBMTA28 Mat\Taught\Geometry\Congruent Triangles
Record Number : 1
Position : 189-189
Format : N1.0
Comment : TQ1-26DD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	71	7.7
Mostly taught this year	2	541	58.7
Not yet taught or just introduced	3	128	13.9
Not administered	8	90	9.8
Omitted	9	91	9.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Similar triangles

Variable Name : ATBMTA29 Mat\Taught\Geometry\Similar Triangles
Record Number : 1
Position : 190-190
Format : N1.0
Comment : TQ1-26DE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	81	8.8
Mostly taught this year	2	514	55.8
Not yet taught or just introduced	3	143	15.5
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Points in a plane

Variable Name : ATBMTA30 Mat\Taught\Geometry\Points In A Plane
Record Number : 1
Position : 191-191
Format : N1.0
Comment : TQ1-26DF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	6	0.7
Mostly taught this year	2	404	43.9
Not yet taught or just introduced	3	329	35.7
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Relationships between two-dimensional and three-dimensional shapes

Variable Name : ATBMTA31 Mat\Taught\Geometry\Relationships Shapes
Record Number : 1
Position : 192-192
Format : N1.0
Comment : TQ1-26DG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	25	2.7
Mostly taught this year	2	421	45.7
Not yet taught or just introduced	3	288	31.3
Not administered	8	90	9.8
Omitted	9	97	10.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Informal coordinate systems

Variable Name : ATBMTA32 Mat\Taught\Geometry\Inf Coordinate Sys
Record Number : 1
Position : 193-193
Format : N1.0
Comment : TQ1-26DH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	28	3.0
Mostly taught this year	2	458	49.7
Not yet taught or just introduced	3	247	26.8
Not administered	8	90	9.8
Omitted	9	98	10.6
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Symmetry about a line

Variable Name : ATBMTA33 Mat\Taught\Geometry\Symmetry About Line
 Record Number : 1
 Position : 194-194
 Format : N1.0
 Comment : TQ1-26DI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	90	9.8
Mostly taught this year	2	505	54.8
Not yet taught or just introduced	3	144	15.6
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Two-dimensional symmetrical figures

Variable Name : ATBMTA34 Mat\Taught\Geometry\Two Dimens Figures
 Record Number : 1
 Position : 195-195
 Format : N1.0
 Comment : TQ1-26DJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	77	8.4
Mostly taught this year	2	467	50.7
Not yet taught or just introduced	3	194	21.1
Not administered	8	90	9.8
Omitted	9	93	10.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Geometry - Translation, reflection, and rotation

Variable Name : ATBMTA35 Mat\Taught\Geometry\Translation Reflect
Record Number : 1
Position : 196-196
Format : N1.0
Comment : TQ1-26DK: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	40	4.3
Mostly taught this year	2	435	47.2
Not yet taught or just introduced	3	261	28.3
Not administered	8	90	9.8
Omitted	9	95	10.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data -Recognizing what various numbers, symbols, points mean in data displays

Variable Name : ATBMTA36 Mat\Taught\Data\Recognizing Numbers
Record Number : 1
Position : 197-197
Format : N1.0
Comment : TQ1-26EA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	98	10.6
Mostly taught this year	2	544	59.1
Not yet taught or just introduced	3	91	9.9
Not administered	8	90	9.8
Omitted	9	98	10.6
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Organizing a set of data by one characteristic

Variable Name : ATBMTA37 Mat\Taught\Data\Organizing Set Of Data
Record Number : 1
Position : 198-198
Format : N1.0
Comment : TQ1-26EB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	188	20.4
Mostly taught this year	2	474	51.5
Not yet taught or just introduced	3	66	7.2
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Reading data directly from tables, pictographs, bar graphs, and pie charts

Variable Name : ATBMTA38 Mat\Taught\Data\Reading Data Directly
Record Number : 1
Position : 199-199
Format : N1.0
Comment : TQ1-26EC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	168	18.2
Mostly taught this year	2	551	59.8
Not yet taught or just introduced	3	16	1.7
Not administered	8	90	9.8
Omitted	9	96	10.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Displaying data using tables, pictographs, and bar graphs

Variable Name : ATBMTA39 Mat\Taught\Data\Displaying Data
Record Number : 1
Position : 200-200
Format : N1.0
Comment : TQ1-26ED: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	103	11.2
Mostly taught this year	2	599	65.0
Not yet taught or just introduced	3	27	2.9
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Comparing and matching different representations of the same data

Variable Name : ATBMTA40 Mat\Taught\Data\Comparing Matching Pres
Record Number : 1
Position : 201-201
Format : N1.0
Comment : TQ1-26EE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	54	5.9
Mostly taught this year	2	535	58.1
Not yet taught or just introduced	3	133	14.4
Not administered	8	90	9.8
Omitted	9	109	11.8
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Characteristics of related data sets

Variable Name : ATBMTA41 Mat\Taught\Data\Characteristics Of Data
Record Number : 1
Position : 202-202
Format : N1.0
Comment : TQ1-26EF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	110	11.9
Mostly taught this year	2	513	55.7
Not yet taught or just introduced	3	107	11.6
Not administered	8	90	9.8
Omitted	9	101	11.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when TIMSS students have been taught each topic. Data - Drawing conclusions from data displays

Variable Name : ATBMTA42 Mat\Taught\Data\Drawing Conclusions
Record Number : 1
Position : 203-203
Format : N1.0
Comment : TQ1-26EG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	69	7.5
Mostly taught this year	2	614	66.7
Not yet taught or just introduced	3	52	5.7
Not administered	8	90	9.8
Omitted	9	96	10.4
		921	100.0%

Do you assign mathematics homework to the fourth-grade students in the TIMSS class?

Variable Name : ATBMHMWO Mat\Homework\Do You Assign Math
Record Number : 1
Position : 204-204
Format : N1.0
Comment : TQ1-27: Modified from TIMSS95: TQ1-26D ATBMHMW1

Response	Codes Percent	Unweighted Frequency	
Yes	1	722	78.4
No	2	25	2.7
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	84	9.1
		921	100.0%

How often do you usually assign mathematics homework to the fourth-grade students in the TIMSS class?

Variable Name : ATBMHVMC Mat\Homework\Frequency Of Math Hmw
Record Number : 1
Position : 205-205
Format : N1.0
Comment : TQ1-28: Modified from TIMSS99: TQ1-31 ATBMHMW2

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	563	61.1
About half the lessons	2	89	9.7
Some lessons	3	70	7.6
Missing	6	25	2.7
Not administered	8	90	9.8
Omitted	9	84	9.1
		921	100.0%

When you assign mathematics homework to the fourth-grade students in the TIMSS class, about how many minutes do you usually assign? (Consider the time it takes an average student in your class to complete the assignment.)

Variable Name : ATBMHWKM Mat\Homework\Min Assign In TIMSS Cls
Record Number : 1
Position : 206-206
Format : N1.0
Comment : TQ1-29: Modified from TIMSS95: TQ1-32 ATBMHWT2

Response	Codes Percent	Unweighted Frequency	
Fewer than 15 minutes	1	56	6.1
15-30 minutes	2	594	64.5
31-60 minutes	3	66	7.2
61-90 minutes	4	6	0.7
More than 90 minutes	5	0	0.0
Missing	6	25	2.7
Not administered	8	90	9.8
Omitted	9	84	9.1
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science - Major body structures and their functions in humans and other organisms

Variable Name : ATBSRT01 Sci\Ready\Life Sci\Major Body Structure
Record Number : 1
Position : 207-207
Format : N1.0
Comment : TQ1-30AA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	252	27.4
Ready	2	432	46.9
Not ready	3	66	7.2
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science - Reproduction and development in plants and animals

Variable Name : ATBSRT02 Sci\Ready\Life Sci\Reproduction
Record Number : 1
Position : 208-208
Format : N1.0
Comment : TQ1-30AB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	245	26.6
Ready	2	424	46.0
Not ready	3	81	8.8
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science- Physical features, behavior, survival of organisms living in different environments

Variable Name : ATBSRT03 Sci\Ready\Life Sci\Physical Features
Record Number : 1
Position : 209-209
Format : N1.0
Comment : TQ1-30AC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	283	30.7
Ready	2	416	45.2
Not ready	3	51	5.5
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science - Relationships in a living community

Variable Name : ATBSRT04 Sci\Ready\Life Sci\Relationships
Record Number : 1
Position : 210-210
Format : N1.0
Comment : TQ1-30AD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	365	39.6
Ready	2	374	40.6
Not ready	3	11	1.2
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science - Changes in environments (effects of human activity, pollution and its prevention)

Variable Name : ATBSRT05 Sci\Ready\Life Sci\Changes In Environm
Record Number : 1
Position : 211-211
Format : N1.0
Comment : TQ1-30AE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	337	36.6
Ready	2	372	40.4
Not ready	3	26	2.8
Not administered	8	87	9.5
Omitted	9	99	10.8
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Life Science - Human health (transmission/prevention of communicable diseases, signs of health)

Variable Name : ATBSRT06 Sci\Ready\Life Sci\Human Health
 Record Number : 1
 Position : 212-212
 Format : N1.0
 Comment : TQ1-30AF: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	285	30.9
Ready	2	397	43.1
Not ready	3	68	7.4
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Classification of objects/materials based on physical properties

Variable Name : ATBSRT07 Sci\Ready\Phys Sci\Classification Of Obj
 Record Number : 1
 Position : 213-213
 Format : N1.0
 Comment : TQ1-30BA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	288	31.3
Ready	2	399	43.3
Not ready	3	61	6.6
Not administered	8	86	9.3
Omitted	9	87	9.5
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Forming and separating mixtures

Variable Name : ATBSRT08 Sci\Ready\Phys Sci\Forming And Sep Mixt
Record Number : 1
Position : 214-214
Format : N1.0
Comment : TQ1-30BB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	157	17.1
Ready	2	381	41.4
Not ready	3	208	22.6
Not administered	8	86	9.3
Omitted	9	89	9.7
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Chemical and physical changes

Variable Name : ATBSRT09 Sci\Ready\Phys Sci\Chemical And Physical
Record Number : 1
Position : 215-215
Format : N1.0
Comment : TQ1-30BC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	197	21.4
Ready	2	411	44.6
Not ready	3	142	15.4
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - States of matter

Variable Name : ATBSRT10 Sci\Ready\Phys Sci\States Of Matter
Record Number : 1
Position : 216-216
Format : N1.0
Comment : TQ1-30BD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	339	36.8
Ready	2	363	39.4
Not ready	3	48	5.2
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Common energy sources/forms and their practical uses

Variable Name : ATBSRT11 Sci\Ready\Phys Sci\Common Energy Sources
 Record Number : 1
 Position : 217-217
 Format : N1.0
 Comment : TQ1-30BE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	265	28.8
Ready	2	431	46.8
Not ready	3	54	5.9
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Common uses of electricity and electrical circuits

Variable Name : ATBSRT12 Sci\Ready\Phys Sci\Common Uses Of Electr
 Record Number : 1
 Position : 218-218
 Format : N1.0
 Comment : TQ1-30BF: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	268	29.1
Ready	2	371	40.3
Not ready	3	111	12.1
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Physical Science - Forces that cause objects to move (e.g., gravity, push/pull forces)

Variable Name : ATBSRT13 Sci\Ready\Phys Sci\Forces That Cause Obj
 Record Number : 1
 Position : 219-219
 Format : N1.0
 Comment : TQ1-30BG: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	267	29.0
Ready	2	416	45.2
Not ready	3	64	7.0
Not administered	8	86	9.3
Omitted	9	88	9.6
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Features of Earth's landscape (e.g., mountains, plains, rivers, deserts)

Variable Name : ATBSRT14 Sci\Ready\Earth Sci\Features Of Landsc
 Record Number : 1
 Position : 220-220
 Format : N1.0
 Comment : TQ1-30CA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	418	45.4
Ready	2	323	35.1
Not ready	3	8	0.9
Not administered	8	86	9.3
Omitted	9	86	9.3
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Water on Earth (location, types, and movement)

Variable Name : ATBSRT15 Sci\Ready\Earth Sci\Water On Earth
 Record Number : 1
 Position : 221-221
 Format : N1.0
 Comment : TQ1-30CB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	387	42.0
Ready	2	333	36.2
Not ready	3	30	3.3
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Air (composition, proof of its existence, uses, and importance for supporting life)

Variable Name : ATBSRT16 Sci\Ready\Earth Sci\Air
 Record Number : 1
 Position : 222-222
 Format : N1.0
 Comment : TQ1-30CC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	279	30.3
Ready	2	393	42.7
Not ready	3	76	8.3
Not administered	8	86	9.3
Omitted	9	87	9.5
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Common features of the Earth's landscape (e.g., mountains, plains, rivers, deserts)

Variable Name : ATBSRT17 Sci\Ready\Earth Sci\Common Features
 Record Number : 1
 Position : 223-223
 Format : N1.0
 Comment : TQ1-30CD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	380	41.3
Ready	2	346	37.6
Not ready	3	23	2.5
Not administered	8	86	9.3
Omitted	9	86	9.3
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Fossils of animals and plants (age, formation)

Variable Name : ATBSRT18 Sci\Ready\Earth Sci\Fossils And Plants
 Record Number : 1
 Position : 224-224
 Format : N1.0
 Comment : TQ1-30CE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	231	25.1
Ready	2	399	43.3
Not ready	3	119	12.9
Not administered	8	86	9.3
Omitted	9	86	9.3
		921	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the fourth-grade? Earth Science - Earth's solar system (planets, Sun, moon)

Variable Name : ATBSRT19 Sci\Ready\Earth Sci\Earth Solar System
 Record Number : 1
 Position : 225-225
 Format : N1.0
 Comment : TQ1-30CF: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	345	37.5
Ready	2	357	38.8
Not ready	3	48	5.2
Not administered	8	86	9.3
Omitted	9	85	9.2
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Science content

Variable Name : ATBSPDST Sci\Participated Developm\Sci Content
Record Number : 1
Position : 226-226
Format : N1.0
Comment : TQ1-31A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	341	37.0
No	2	406	44.1
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	88	9.6
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction

Variable Name : ATBSPDSP Sci\Participated Developm\Sci Pedagogy
Record Number : 1
Position : 227-227
Format : N1.0
Comment : TQ1-31B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	266	28.9
No	2	479	52.0
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	90	9.8
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Science curriculum

Variable Name : ATBSPDSC Sci\Participated Developm\Sci Curriculum
Record Number : 1
Position : 228-228
Format : N1.0
Comment : TQ1-31C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	362	39.3
No	2	381	41.4
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	92	10.0
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Integrating information technology into science

Variable Name : ATBSPDIT Sci\Participated Development\It Into Sci
Record Number : 1
Position : 229-229
Format : N1.0
Comment : TQ1-31D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	248	26.9
No	2	499	54.2
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	88	9.6
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or inquiry skills

Variable Name : ATBGPDIN Gen\Participated Development\Impr Critic
Record Number : 1
Position : 230-230
Format : N1.0
Comment : TQ1-31E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	320	34.7
No	2	427	46.4
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	88	9.6
		921	100.0%

In the past two years, have you participated in professional development in any of the following? Science assessment

Variable Name : ATBSPDSA Sci\Participated Developm\Sci Assessment
Record Number : 1
Position : 231-231
Format : N1.0
Comment : TQ1-31F: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	239	26.0
No	2	510	55.4
Missing	6	0	0.0
Not administered	8	86	9.3
Omitted	9	86	9.3
		921	100.0%

How many students are in the TIMSS class for science?

Variable Name : ATBSSTUD Sci\Number Of Std\In TIMSS Class
Record Number : 1
Position : 232-234
Format : N3.0
Comment : TQ1-32A: New Question

Response	Codes Percent	Unweighted Frequency	
5-55		719	78.1
Not administered	998	90	9.8
Omitted	999	112	12.2
		921	100.0%

How many students in Question 32A are in the fourth-grade ?

Variable Name : ATBSSTDQ Sci\Number Of Std\In 4th Grade
Record Number : 1
Position : 235-237
Format : N3.0
Comment : TQ1-32B: New Question

Response	Codes Percent	Unweighted Frequency	
5-55		709	77.0
Not administered	998	90	9.8
Omitted	999	122	13.3
		921	100.0%

Is science taught mainly as a separate subject (i.e., not integrated with other subjects) to the fourth-grade students in the TIMSS class?

Variable Name : ATBSSBJ Sci\Is Sci Taught Separatly As Subject
Record Number : 1
Position : 238-238
Format : N1.0
Comment : TQ1-33: Modified from TIMSS95: TQ1-35 ATBSSSUB

Response	Codes Percent	Unweighted Frequency	
Yes	1	617	67.0
No	2	105	11.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	109	11.8
		921	100.0%

How many minutes per week do you teach science to the fourth-grade students in the TIMSS class?

Variable Name : ATBSYMWT Sci\Yes\Weekly Taught Of Sci In Minutes
Record Number : 1
Position : 239-241
Format : N3.0
Comment : TQ1-33A: Modified from TIMSS99: TQ1-35A ATGSYTMW

Response	Codes Percent	Unweighted Frequency	
2-300		604	65.6
Missing	996	105	11.4
Not administered	998	90	9.8
Omitted	999	122	13.3
		921	100.0%

Please estimate the number of minutes per week that you spend on science topics with the fourth-grade students in the TIMSS class.

Variable Name : ATBSNMWT Sci\No\Weekly Taught Of Sci In Minutes
Record Number : 1
Position : 242-244
Format : N3.0
Comment : TQ1-33B: Modified from TIMSS99: TQ1-35A ATGSNTMW

Response	Codes Percent	Unweighted Frequency	
2-300		100	10.9
Missing	996	617	67.0
Not administered	998	90	9.8
Omitted	999	114	12.4
		921	100.0%

Do you use a textbook(s) in teaching science to the fourth-grade students in the TIMSS class?

Variable Name : ATBSTBTC Sci\Textbook\Use For Science
Record Number : 1
Position : 245-245
Format : N1.0
Comment : TQ1-34A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	565	61.4
No	2	174	18.9
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	92	10.0
		921	100.0%

How do you use a textbook(s) in teaching science to the fourth-grade students in the TIMSS class?

Variable Name : ATBSTXBU Sci\Textbook\How Used In Teaching Sci
Record Number : 1
Position : 246-246
Format : N1.0
Comment : TQ1-34B: New Question

Response	Codes Percent	Unweighted Frequency	
As the primary basis for my lessons	1	338	36.7
As a supplementary resource	2	217	23.6
Missing	6	174	18.9
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

Do the fourth-grade students in the TIMSS class have computers available to use when you are teaching science? Do not include calculators.

Variable Name : ATBSCOMA Sci\Computer\Available In Sci Lesson
Record Number : 1
Position : 247-247
Format : N1.0
Comment : TQ1-35A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	513	55.7
No	2	223	24.2
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	95	10.3
		921	100.0%

Do any of the computers have access to the Internet?

Variable Name : ATBSINTA Sci\Computer\Access To Internet
Record Number : 1
Position : 248-248
Format : N1.0
Comment : TQ1-35B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	490	53.2
No	2	12	1.3
Missing	6	223	24.2
Not administered	8	90	9.8
Omitted	9	106	11.5
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Do scientific procedures or experiments

Variable Name : ATBSCAPE Sci\Computer\Use\Scientific Procedures
Record Number : 1
Position : 249-249
Format : N1.0
Comment : TQ1-36A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	5	0.5
About half the lessons	2	17	1.9
Some lessons	3	173	18.8
Never	4	310	33.7
Missing	6	223	24.2
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Study natural phenomena through simulations

Variable Name : ATBSCANP Sci\Computer\Use\Study Natural Phenomena
Record Number : 1
Position : 250-250
Format : N1.0
Comment : TQ1-36B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	2	0.2
About half the lessons	2	18	2.0
Some lessons	3	191	20.7
Never	4	294	31.9
Missing	6	223	24.2
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Practice skills and procedures

Variable Name : ATBSCASP Sci\Computer\Use\Practice Skills
Record Number : 1
Position : 251-251
Format : N1.0
Comment : TQ1-36C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	11	1.2
About half the lessons	2	32	3.5
Some lessons	3	194	21.1
Never	4	268	29.1
Missing	6	223	24.2
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you have students use a computer for the following activities? Look up ideas and information

Variable Name : ATBSCALI Sci\Computer\Use\Look Up Ideas
Record Number : 1
Position : 252-252
Format : N1.0
Comment : TQ1-36D: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	40	4.3
About half the lessons	2	99	10.8
Some lessons	3	298	32.4
Never	4	69	7.5
Missing	6	223	24.2
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Watch me do a science experiment

Variable Name : ATBSCSWE Sci\How Often Ask\Watch Experiment
Record Number : 1
Position : 253-253
Format : N1.0
Comment : TQ1-37A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	29	3.2
About half the lessons	2	59	6.4
Some lessons	3	552	59.9
Never	4	86	9.3
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	105	11.4
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Design or plan experiments or investigations

Variable Name : ATBSCSDP Sci\How Often Ask\Design Or Plan
Record Number : 1
Position : 254-254
Format : N1.0
Comment : TQ1-37B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	34	3.7
About half the lessons	2	114	12.4
Some lessons	3	446	48.4
Never	4	130	14.1
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	107	11.6
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Do experiments or investigations

Variable Name : ATBSCSDI Sci\How Often Ask\Do Experiments
Record Number : 1
Position : 255-255
Format : N1.0
Comment : TQ1-37C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	119	12.9
About half the lessons	2	193	21.0
Some lessons	3	379	41.2
Never	4	33	3.6
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	107	11.6
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Work together in small groups on experiments or investigations

Variable Name : ATBSCSSG Sci\How Often Ask\Work Together In Grps
Record Number : 1
Position : 256-256
Format : N1.0
Comment : TQ1-37D: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	175	19.0
About half the lessons	2	228	24.8
Some lessons	3	295	32.0
Never	4	29	3.2
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Relate what they are learning in science to their daily lives

Variable Name : ATBSCSDL Sci\How Often Ask\Relate To Daily Life
Record Number : 1
Position : 257-257
Format : N1.0
Comment : TQ1-37E: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	267	29.0
About half the lessons	2	234	25.4
Some lessons	3	214	23.2
Never	4	12	1.3
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Write or give explanations about something they are studying

Variable Name : ATBSCSWS Sci\How Often Ask\Write Or Give Expl
Record Number : 1
Position : 258-258
Format : N1.0
Comment : TQ1-37F: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	224	24.3
About half the lessons	2	228	24.8
Some lessons	3	254	27.6
Never	4	22	2.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Observe something like the weather or a plant growing and write down what they see

Variable Name : ATBSCSOS Sci\How Often Ask\Observe Something
Record Number : 1
Position : 259-259
Format : N1.0
Comment : TQ1-37G: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	101	11.0
About half the lessons	2	197	21.4
Some lessons	3	376	40.8
Never	4	53	5.8
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

In teaching science to the fourth-grade students in the TIMSS class, how often do you usually ask them to do the following? Present their work to the class

Variable Name : ATBSCSPW Sci\How Often Ask\Present Work
Record Number : 1
Position : 260-260
Format : N1.0
Comment : TQ1-37H: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	66	7.2
About half the lessons	2	180	19.5
Some lessons	3	423	45.9
Never	4	59	6.4
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following science content areas for the TIMSS students? Life science

Variable Name : ATBSPTLS Sci\Percent Of Teaching Spent\Life Sci
Record Number : 1
Position : 261-263
Format : N3.0
Comment : TQ1-38A: New Question

Response	Codes Percent	Unweighted Frequency	
0-90		713	77.4
Not administered	998	90	9.8
Omitted	999	118	12.8
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following science content areas for the TIMSS students? Physical science (topics in physics and chemistry)

Variable Name : ATBSPTPS Sci\Percent Of Teaching Spent\Phys Sci
Record Number : 1
Position : 264-266
Format : N3.0
Comment : TQ1-38B: New Question

Response	Codes Percent	Unweighted Frequency	
0-70		713	77.4
Not administered	998	90	9.8
Omitted	999	118	12.8
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following science content areas for the TIMSS students? Earth science

Variable Name : ATBSPTES Sci\Percent Of Teaching Spent\Earth Sci
Record Number : 1
Position : 267-269
Format : N3.0
Comment : TQ1-38C: New Question

Response	Codes Percent	Unweighted Frequency	
0-100		713	77.4
Not administered	998	90	9.8
Omitted	999	118	12.8
		921	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent on each of the following science content areas for the TIMSS students? Other, please specify:

Variable Name : ATBSCOTH Sci\Percent Of Teaching Spent\Other
Record Number : 1
Position : 270-272
Format : N3.0
Comment : TQ1-38D: New Question

Response	Codes Percent	Unweighted Frequency	
0-90		680	73.8
Not administered	998	90	9.8
Omitted	999	151	16.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Types, characteristics, and classification of living things

Variable Name : ATBSTA01 Sci\Taught\Life Sci\Living Things
Record Number : 1
Position : 273-273
Format : N1.0
Comment : TQ1-39AA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	242	26.3
Mostly taught this year	2	365	39.6
Not yet taught or just introduced	3	121	13.1
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Major body structures & their function in humans/other organisms

Variable Name : ATBSTA02 Sci\Taught\Life Sci\Major Body Structure
Record Number : 1
Position : 274-274
Format : N1.0
Comment : TQ1-39AB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	152	16.5
Mostly taught this year	2	376	40.8
Not yet taught or just introduced	3	203	22.0
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Bodily actions in response to outside conditions

Variable Name : ATBSTA03 Sci\Taught\Life Sci\Bodily Actions
Record Number : 1
Position : 275-275
Format : N1.0
Comment : TQ1-39AC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	209	22.7
Mostly taught this year	2	288	31.3
Not yet taught or just introduced	3	228	24.8
Not administered	8	90	9.8
Omitted	9	106	11.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - The general steps in the life cycle of familiar organisms

Variable Name : ATBSTA04 Sci\Taught\Life Sci\General Steps
Record Number : 1
Position : 276-276
Format : N1.0
Comment : TQ1-39AD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	235	25.5
Mostly taught this year	2	353	38.3
Not yet taught or just introduced	3	139	15.1
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Plant and animal reproduction

Variable Name : ATBSTA05 Sci\Taught\Life Sci\Plant And Animal
 Record Number : 1
 Position : 277-277
 Format : N1.0
 Comment : TQ1-39AE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	83	9.0
Mostly taught this year	2	300	32.6
Not yet taught or just introduced	3	339	36.8
Not administered	8	90	9.8
Omitted	9	109	11.8
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science-Physical features, behavior, survival of plants/animals in different environs.

Variable Name : ATBSTA06 Sci\Taught\Life Sci\Physical Features
 Record Number : 1
 Position : 278-278
 Format : N1.0
 Comment : TQ1-39AF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	129	14.0
Mostly taught this year	2	470	51.0
Not yet taught or just introduced	3	131	14.2
Not administered	8	90	9.8
Omitted	9	101	11.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Relationships in a living community

Variable Name : ATBSTA07 Sci\Taught\Life Sci\Relationships
 Record Number : 1
 Position : 279-279
 Format : N1.0
 Comment : TQ1-39AG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	180	19.5
Mostly taught this year	2	456	49.5
Not yet taught or just introduced	3	94	10.2
Not administered	8	90	9.8
Omitted	9	101	11.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Changes in environments

Variable Name : ATBSTA08 Sci\Taught\Life Sci\Changes In Environm
 Record Number : 1
 Position : 280-280
 Format : N1.0
 Comment : TQ1-39AH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	96	10.4
Mostly taught this year	2	472	51.3
Not yet taught or just introduced	3	160	17.4
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Ways that common communicable diseases

Variable Name : ATBSTA09 Sci\Taught\Life Sci\Ways Diseases Transm
Record Number : 1
Position : 281-281
Format : N1.0
Comment : TQ1-39AI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	136	14.8
Mostly taught this year	2	266	28.9
Not yet taught or just introduced	3	331	35.9
Not administered	8	90	9.8
Omitted	9	98	10.6
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Life Science - Ways of maintaining good health, including diet and exercise

Variable Name : ATBSTA10 Sci\Taught\Life Sci\Ways Of Maintaining
Record Number : 1
Position : 282-282
Format : N1.0
Comment : TQ1-39AJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	183	19.9
Mostly taught this year	2	391	42.5
Not yet taught or just introduced	3	161	17.5
Not administered	8	90	9.8
Omitted	9	96	10.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic.. Physical Science - Classification based on physical properties

Variable Name : ATBSTA11 Sci\Taught\Phy Sci\Classification
Record Number : 1
Position : 283-283
Format : N1.0
Comment : TQ1-39BA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	114	12.4
Mostly taught this year	2	416	45.2
Not yet taught or just introduced	3	201	21.8
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Properties and uses of metals

Variable Name : ATBSTA12 Sci\Taught\Phy Sci\Prop And Uses Metals
Record Number : 1
Position : 284-284
Format : N1.0
Comment : TQ1-39BB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	43	4.7
Mostly taught this year	2	223	24.2
Not yet taught or just introduced	3	465	50.5
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Forming and separating mixtures

Variable Name : ATBSTA13 Sci\Taught\Phy Sci\Forming And Seperat
Record Number : 1
Position : 285-285
Format : N1.0
Comment : TQ1-39BC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	42	4.6
Mostly taught this year	2	166	18.0
Not yet taught or just introduced	3	523	56.8
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Properties and uses of water

Variable Name : ATBSTA14 Sci\Taught\Phy Sci\Prop And Use Water
Record Number : 1
Position : 286-286
Format : N1.0
Comment : TQ1-39BD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	138	15.0
Mostly taught this year	2	366	39.7
Not yet taught or just introduced	3	222	24.1
Not administered	8	90	9.8
Omitted	9	105	11.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Chemical and physical changes

Variable Name : ATBSTA15 Sci\Taught\Phy Sci\Chem And Phys Change
Record Number : 1
Position : 287-287
Format : N1.0
Comment : TQ1-39BE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	40	4.3
Mostly taught this year	2	364	39.5
Not yet taught or just introduced	3	321	34.9
Not administered	8	90	9.8
Omitted	9	106	11.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - States of matter and differences in physical properties

Variable Name : ATBSTA16 Sci\Taught\Phy Sci\States Of Matter
Record Number : 1
Position : 288-288
Format : N1.0
Comment : TQ1-39BF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	147	16.0
Mostly taught this year	2	382	41.5
Not yet taught or just introduced	3	195	21.2
Not administered	8	90	9.8
Omitted	9	107	11.6
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Changes in state of water by heating and cooling

Variable Name : ATBSTA17 Sci\Taught\Phy Sci\Changes In State
Record Number : 1
Position : 289-289
Format : N1.0
Comment : TQ1-39BG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	177	19.2
Mostly taught this year	2	402	43.7
Not yet taught or just introduced	3	148	16.1
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Common energy sources/forms and their practical uses

Variable Name : ATBSTA18 Sci\Taught\Phy Sci\Common Energy Sources
Record Number : 1
Position : 290-290
Format : N1.0
Comment : TQ1-39BH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	67	7.3
Mostly taught this year	2	423	45.9
Not yet taught or just introduced	3	235	25.5
Not administered	8	90	9.8
Omitted	9	106	11.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Heat flow and temperature

Variable Name : ATBSTA19 Sci\Taught\Phy Sci\Heat Flow And Temper
Record Number : 1
Position : 291-291
Format : N1.0
Comment : TQ1-39BI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	69	7.5
Mostly taught this year	2	309	33.6
Not yet taught or just introduced	3	347	37.7
Not administered	8	90	9.8
Omitted	9	106	11.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Common sources of light and related phenomena

Variable Name : ATBSTA20 Sci\Taught\Phy Sci\Common Sources Light
Record Number : 1
Position : 292-292
Format : N1.0
Comment : TQ1-39BJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	78	8.5
Mostly taught this year	2	212	23.0
Not yet taught or just introduced	3	428	46.5
Not administered	8	90	9.8
Omitted	9	113	12.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Common uses of electricity and electrical circuits

Variable Name : ATBSTA21 Sci\Taught\Phy Sci\Common Uses Of Electr
 Record Number : 1
 Position : 293-293
 Format : N1.0
 Comment : TQ1-39BK: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	44	4.8
Mostly taught this year	2	394	42.8
Not yet taught or just introduced	3	291	31.6
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Magnets

Variable Name : ATBSTA22 Sci\Taught\Phy Sci\Magnets
 Record Number : 1
 Position : 294-294
 Format : N1.0
 Comment : TQ1-39BL: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	114	12.4
Mostly taught this year	2	374	40.6
Not yet taught or just introduced	3	247	26.8
Not administered	8	90	9.8
Omitted	9	96	10.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Physical Science - Forces that cause objects to move

Variable Name : ATBSTA23 Sci\Taught\Phy Sci\Forces Cause Objects
 Record Number : 1
 Position : 295-295
 Format : N1.0
 Comment : TQ1-39BM: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	132	14.3
Mostly taught this year	2	361	39.2
Not yet taught or just introduced	3	237	25.7
Not administered	8	90	9.8
Omitted	9	101	11.0
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Rocks, minerals, sand, and soil

Variable Name : ATBSTA24 Sci\Taught\Earth Sci\Rocks Minerals Sand
 Record Number : 1
 Position : 296-296
 Format : N1.0
 Comment : TQ1-39CA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	142	15.4
Mostly taught this year	2	408	44.3
Not yet taught or just introduced	3	184	20.0
Not administered	8	90	9.8
Omitted	9	97	10.5
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Water on Earth

Variable Name : ATBSTA25 Sci\Taught\Earth Sci\Water On Earth
 Record Number : 1
 Position : 297-297
 Format : N1.0
 Comment : TQ1-39CB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	161	17.5
Mostly taught this year	2	432	46.9
Not yet taught or just introduced	3	140	15.2
Not administered	8	90	9.8
Omitted	9	98	10.6
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Air

Variable Name : ATBSTA26 Sci\Taught\Earth Sci\Air
 Record Number : 1
 Position : 298-298
 Format : N1.0
 Comment : TQ1-39CC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	120	13.0
Mostly taught this year	2	342	37.1
Not yet taught or just introduced	3	270	29.3
Not administered	8	90	9.8
Omitted	9	99	10.8
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Common features of the Earth's landscape

Variable Name : ATBSTA27 Sci\Taught\Earth Sci\Common Features
Record Number : 1
Position : 299-299
Format : N1.0
Comment : TQ1-39CD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	129	14.0
Mostly taught this year	2	503	54.6
Not yet taught or just introduced	3	104	11.3
Not administered	8	90	9.8
Omitted	9	95	10.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Use and conservation of Earth's natural resources

Variable Name : ATBSTA28 Sci\Taught\Earth Sci\Use And Conservat
Record Number : 1
Position : 300-300
Format : N1.0
Comment : TQ1-39CE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	112	12.2
Mostly taught this year	2	468	50.8
Not yet taught or just introduced	3	155	16.8
Not administered	8	90	9.8
Omitted	9	96	10.4
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Earth's water cycle

Variable Name : ATBSTA29 Sci\Taught\Earth Sci\Earth Water Cycle
 Record Number : 1
 Position : 301-301
 Format : N1.0
 Comment : TQ1-39CF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	161	17.5
Mostly taught this year	2	426	46.3
Not yet taught or just introduced	3	142	15.4
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Weather conditions from day to day or over the seasons

Variable Name : ATBSTA30 Sci\Taught\Earth Sci\Weather Conditions
 Record Number : 1
 Position : 302-302
 Format : N1.0
 Comment : TQ1-39CG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	205	22.3
Mostly taught this year	2	383	41.6
Not yet taught or just introduced	3	143	15.5
Not administered	8	90	9.8
Omitted	9	100	10.9
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Fossils of animals and plants

Variable Name : ATBSTA31 Sci\Taught\Earth Sci\Fossils And Plants
Record Number : 1
Position : 303-303
Format : N1.0
Comment : TQ1-39CH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	142	15.4
Mostly taught this year	2	275	29.9
Not yet taught or just introduced	3	310	33.7
Not administered	8	90	9.8
Omitted	9	104	11.3
		921	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the TIMSS students have been taught each topic. Earth Science - Earth's solar system

Variable Name : ATBSTA32 Sci\Taught\Earth Sci\Earth Solar System
Record Number : 1
Position : 304-304
Format : N1.0
Comment : TQ1-39CI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	252	27.4
Mostly taught this year	2	290	31.5
Not yet taught or just introduced	3	187	20.3
Not administered	8	90	9.8
Omitted	9	102	11.1
		921	100.0%

Do you assign science homework to the fourth-grade students in the TIMSS class?

Variable Name : ATBSHMWO Sci\Homework\Do Assign Science
Record Number : 1
Position : 305-305
Format : N1.0
Comment : TQ1-40: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	533	57.9
No	2	191	20.7
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	107	11.6
		921	100.0%

How often do you usually assign science homework to the fourth-grade students in the TIMSS class?

Variable Name : ATBSHWMC Sci\Homework\Frequency Of Science Hmw
Record Number : 1
Position : 306-306
Format : N1.0
Comment : TQ1-41: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	66	7.2
About half the lessons	2	98	10.6
Some lessons	3	362	39.3
Missing	6	191	20.7
Not administered	8	90	9.8
Omitted	9	114	12.4
		921	100.0%

When you assign science homework to the fourth-grade students in the TIMSS class, about how many minutes do you usually assign? (Consider the time it takes an average student in your class to complete the assignment.)

Variable Name : ATBSHWKM Sci\Homework\Min Assign In Science Cls
Record Number : 1
Position : 307-307
Format : N1.0
Comment : TQ1-42: New Question

Response	Codes Percent	Unweighted Frequency	
Fewer than 15 minutes	1	138	15.0
15-30 minutes	2	342	37.1
31-60 minutes	3	35	3.8
61-90 minutes	4	2	0.2
More than 90 minutes	5	8	0.9
Missing	6	191	20.7
Not administered	8	90	9.8
Omitted	9	115	12.5
		921	100.0%

Variable Name : ATDGCH Idx Tchr Perceptn School Climate (TPSC)
Record Number : 1
Position : 308-308
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	308	33.4
Medium	2	373	40.5
Low	3	110	11.9
Not administered	8	90	9.8
Omitted	9	40	4.3
		921	100.0%

Variable Name : ATDGCU Idx Tchr Perceptn School Safety (TPSS)
Record Number : 1
Position : 309-309
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	634	68.8
Medium	2	142	15.4
Low	3	23	2.5
Not administered	8	90	9.8
Omitted	9	32	3.5
		921	100.0%

Variable Name : ATDGTELC Have Full Teachng License Or Certificate
Record Number : 1
Position : 310-310
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
Yes	1	719	78.1
No	2	66	7.2
Missing	6	0	0.0
Not administered	8	90	9.8
Omitted	9	46	5.0
		921	100.0%

Variable Name : ATDMPREP Preparation To Teach Math
Record Number : 1
Position : 311-311
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
Educ. with specialization in mathematics	1	65	7.1
Educ. with specialization in science	2	45	4.9
Spec. in mathem. or science but no primar	3	23	2.5
Only primary/elemntary edu	4	577	62.7
Other	5	90	9.8
Not administered	8	90	9.8
Omitted	9	31	3.4
		921	100.0%

Variable Name : ATDMSTUD Class Size For Mathematics Instruction
Record Number : 1
Position : 312-312
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
1-19 students	1	197	21.4
20-26 students	2	375	40.7
27-32 students	3	131	14.2
33 or more students	4	25	2.7
Not administered	8	90	9.8
Omitted	9	103	11.2
		921	100.0%

Variable Name : ATDMTANU Sum Students Taught Number Math Topics
Record Number : 1
Position : 313-318
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
25-100		744	80.8
Not administered	998	90	9.8
Omitted	999	87	9.5
		921	100.0%

Variable Name : ATDMTAOV Sum Students Taught Overall Math Topics
Record Number : 1
Position : 319-324
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
23.81-100		736	79.9
Not administered	998	90	9.8
Omitted	999	95	10.3
		921	100.0%

Variable Name : ATDMH Idx Tchr Emphasis On Math Homework (EMH)
Record Number : 1
Position : 325-325
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	69	7.5
Medium	2	506	54.9
Low	3	172	18.7
Not administered	8	90	9.8
Omitted	9	84	9.1
		921	100.0%

Variable Name : ATDMTAME Sum Students Taught Measure Math Topics
Record Number : 1
Position : 326-331
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		740	80.4
Not administered	998	90	9.8
Omitted	999	91	9.9
		921	100.0%

Variable Name : ATDMTAGE Sum Students Taught Geometr Math Topics
Record Number : 1
Position : 332-337
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		739	80.2
Not administered	998	90	9.8
Omitted	999	92	10.0
		921	100.0%

Variable Name : ATDMTADA Sum Students Taught Data Math Topics
Record Number : 1
Position : 338-343
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		732	79.5
Not administered	998	90	9.8
Omitted	999	99	10.8
		921	100.0%

Variable Name : ATDMTAPE Sum Studs Tgt Patts,Equs,Rels Math Tops
Record Number : 1
Position : 344-349
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		744	80.8
Not administered	998	90	9.8
Omitted	999	87	9.5
		921	100.0%

Variable Name : ATDSPREP Preparation To Teach Science
Record Number : 1
Position : 350-350
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
Educ. with specialization in science	1	69	7.5
Educ. with specialization in mathematics	2	41	4.5
Spec. in mathem. or science but no primar	3	23	2.5
Only primary/elementary edu	4	577	62.7
Other	5	90	9.8
Not administered	8	90	9.8
Omitted	9	31	3.4
		921	100.0%

Variable Name : ATDSSTUD Class Size For Science Instruction
Record Number : 1
Position : 351-351
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
1-19 students	1	197	21.4
20-26 students	2	354	38.4
27-32 students	3	137	14.9
33 or more students	4	31	3.4
Not administered	8	90	9.8
Omitted	9	112	12.2
		921	100.0%

Variable Name : ATDSH Idx Tchr Emphasis On Sci Homework (ESH)
Record Number : 1
Position : 352-352
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	7	0.8
Medium	2	100	10.9
Low	3	607	65.9
Not administered	8	90	9.8
Omitted	9	117	12.7
		921	100.0%

Variable Name : ATDSTALI Sum Students Taught Life Sci Topics
Record Number : 1
Position : 353-358
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		729	79.2
Not administered	998	90	9.8
Omitted	999	102	11.1
		921	100.0%

Variable Name : ATDSTAPH Sum Students Taught Physical Sci Topics
Record Number : 1
Position : 359-364
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		729	79.2
Not administered	998	90	9.8
Omitted	999	102	11.1
		921	100.0%

Variable Name : ATDSTAEA Sum Students Taught Earth Sci Topics
Record Number : 1
Position : 365-370
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		733	79.6
Not administered	998	90	9.8
Omitted	999	98	10.6
		921	100.0%

Variable Name : ATDSTAOV Sum Students Taught Overall Sci Topics
Record Number : 1
Position : 371-376
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
3.13-100		726	78.8
Not administered	998	90	9.8
Omitted	999	105	11.4
		921	100.0%

Variable Name : DPCDATE *File Creation Date At DPC Hamburg*
Record Number : 1
Position : 377-382
Format : N6.0
Comment : System Variable

Response	Codes Percent	Unweighted Frequency	
April 19, 2005	41905	921	100.0
		921	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher. (Number of years you have taught full-time)

Variable Name : ATBGTHFT Nat\Years Been Teaching\Full-Time
Record Number : 1
Position : 383-384
Format : N2.0
Comment : TQ1-3AN; National Variable

Response	Codes Percent	Unweighted Frequency	
0-39		782	84.9
Not administered	98	83	9.0
Omitted	99	56	6.1
		921	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher. (Number of years you have taught part-time)

Variable Name : ATBGTHPT Nat\Years Been Teaching\Part-Time
Record Number : 1
Position : 385-386
Format : N2.0
Comment : TQ1-3BN; National Variable

Response	Codes Percent	Unweighted Frequency	
0-13		378	41.0
Not administered	98	83	9.0
Omitted	99	460	50.0
		921	100.0%

What is the highest level of formal education you have completed?

Variable Name : ATBGFED Nat\Formal Education Completed
Record Number : 1
Position : 387-387
Format : N1.0
Comment : TQ1-4N; National Variable

Response	Codes Percent	Unweighted Frequency	
Did not complete high school	1	0	0.0
Completed high school	2	0	0.0
Completed a vocational/technical certificate after high sch	3	2	0.2
Completed an Associate's degree (AA) in a vocational/tec	4	0	0.0
Completed an academic Associate's or Bachelor's degree	5	360	39.1
Completed an academic Master's degree, postgraduate certifi	6	412	44.7
Completed a doctorate (Ph.D. or Ed.D)	7	0	0.0
Not administered	8	83	9.0
Omitted	9	64	7.0
		921	100.0%

During your college or university education, what was your main area(s) of study? Education - Primary/Elementary

Variable Name : ATBGEDPR Gen\Major area of study\Education prim
Record Number : 1
Position : 388-388
Format : N1.0
Comment : TQ1-6AN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	626	68.0
Minor	2	40	4.3
No	3	64	7.0
Not administered	8	83	9.0
Omitted	9	108	11.7
		921	100.0%

During your college or university education, what was your main area(s) of study? Education - Secondary

Variable Name : ATBGEDSE Gen\Major area of study\Education second
Record Number : 1
Position : 389-389
Format : N1.0
Comment : TQ1-6BN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	13	1.4
Minor	2	18	2.0
No	3	526	57.1
Not administered	8	83	9.0
Omitted	9	281	30.5
		921	100.0%

During your college or university education, what was your main area(s) of study? Education - Other

Variable Name : ATBMEDOT Gen\Major area of study\Educ other
Record Number : 1
Position : 390-390
Format : N1.0
Comment : TQ1-6CN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	58	6.3
Minor	2	65	7.1
No	3	452	49.1
Not administered	8	83	9.0
Omitted	9	263	28.6
		921	100.0%

During your college or university education, what was your main area(s) of study? Mathematics

Variable Name : ATBSEDMH Mat\Major area of study\Mathematics
Record Number : 1
Position : 391-391
Format : N1.0
Comment : TQ1-6DN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	10	1.1
Minor	2	30	3.3
No	3	525	57.0
Not administered	8	83	9.0
Omitted	9	273	29.6
		921	100.0%

During your college or university education, what was your main area(s) of study? Science

Variable Name : ATBGSCNC Sci\Major area of study\Science
Record Number : 1
Position : 392-392
Format : N1.0
Comment : TQ1-6EN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	20	2.2
Minor	2	52	5.7
No	3	503	54.6
Not administered	8	83	9.0
Omitted	9	263	28.6
		921	100.0%

During your college or university education, what was your main area(s) of study? Other

Variable Name : ATBGOTHE Gen\Major area of study\Other
Record Number : 1
Position : 393-393
Format : N1.0
Comment : TQ1-6FN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	158	17.2
Minor	2	188	20.4
No	3	280	30.4
Not administered	8	83	9.0
Omitted	9	212	23.0
		921	100.0%

What requirements did you have to satisfy in order to become a teacher in grade 4? Complete a bachelor's degree

Variable Name : ATBGRB8 Gen\Requirements for certificate\Bachelors
Record Number : 1
Position : 394-394
Format : N1.0
Comment : TQ1-7AN; National Variable

Response	Codes Percent	Unweighted Frequency	
Yes	1	751	81.5
No	2	10	1.1
Missing	6	0	0.0
Not administered	8	83	9.0
Omitted	9	77	8.4
		921	100.0%

What type of (teaching) license or certificate do you hold?

Variable Name : ATBGCERT Gen\Teaching certificate type
Record Number : 1
Position : 395-395
Format : N1.0
Comment : TQ1-8BN; National Variable

Response	Codes Percent	Unweighted Frequency	
Regular or standard state certificate or advanced profession	1	658	71.4
Probationary certificate	2	37	4.0
Alternative certification program	3	29	3.2
Temporary certificate	4	18	2.0
Emergency certificate or waiver	5	10	1.1
Not administered	8	83	9.0
Omitted	9	86	9.3
		921	100.0%