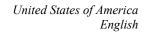


### OECD Programme for International Student Assessment



### PISA 2003 SCHOOL QUESTIONNAIRE

OMB LABEL



#### Project Consortium:

Australian Council for Educational Research (ACER)

Netherlands National Institute for Educational Measurement (CITO group)

**Educational Testing Service (ETS, USA)** 

National Institute for Educational Policy Research (NIER, Japan)

Westat (USA)

This questionnaire asks for information about:

- The characteristics of the school;
- The student body;
- Teachers in the school;
- Some of the pedagogical practices of the school, sometimes with particular regard to mathematics;
- The school's resources;
- Some of the administrative structures within the school.

This information may, for example, help to establish the impact of resource distribution on student achievements — both within and between countries. It may also help to establish the impact of different teaching strategies and practices on student achievement.

#### The questionnaire should be completed by the principal or designate.

It should take about 30 minutes to complete.

If you do not know an answer precisely, your best estimate will be adequate for the purposes of the study.

Your answers will be kept confidential. They will be combined with answers from other principals to calculate totals and averages in which no one school can be identified.

### Which of the following best describes the community in **Q1** which your school is located? (Please check only one box.) A village, hamlet or rural area (fewer than 3,000 people) ...... A small town (3,000 to about 15,000 people) ...... A town (15,000 to about 100,000 people) ...... A city (100,000 to about 1,000,000 people) ...... A large city with over 1,000,000 people ..... Q2 As of March 1, 2003, what was the total school enrollment (number of students)? (Please write a number in each row. Write 0 (zero) if there are none.) a) Number of boys: b) Number of girls:

Is your school a public or a private school?	
(Please check only one box.)	
A public school	
A private school	
About what percentage of your total funding school year comes from the following source	
(Please write a number in each row. Write 0 (zero) comes from that source.)	if no funding
	%
a) Government (includes departments, local, regional, state and national)	
b) Student fees or school charges paid by parents (e.g. fees paid for books, locker fees, field trips, etc.)	
c) Benefactors, donations, bequests, sponsorships, parent fund raising	
d) Other	
Total	100%
	(Please check only one box.)  A public school  A private school  A

### Q5 Are the following grade levels found in your school?

		Yes	No
a)	Kindergarten		
b)	Grade 1		
c)	Grade 2		
d)	Grade 3		
e)	Grade 4		
f)	Grade 5		
g)	Grade 6		
h)	Grade 7		
i)	Grade 8		
j)	Grade 9		
k)	Grade 10		
1)	Grade 11		
m)	Grade 12		
n)	Grade 13		
o)	Ungraded school		$\square_2$

# About what percentage of students in your school repeated a grade, at the middle/junior high school level (grades 7-9) and the high school level (grades 10-12), last academic year?

(Please write a number in each row. Write 0 (zero) if nobody repeated a grade. Check the not applicable box if the grade level does not appear in your school.)

	does not appear in your school.)		
		%	Not applicabl
	The approximate percentage of students repeating a grade at the middle or junior high school level (grades 7-9) in this school last year		
	The approximate percentage of students		997
	repeating a grade at the high school level (grades 10-12) in this school last year was:		997
<b>Q7</b>	As of March 1, 2003, what percentage school were eligible for free or reduce lunches through the National School L	d price	school
	(Please write a number in each row. Write none.)	0 (zero	) if there ar
	Percentage of students :		
28	How many instructional days are in the	e schoo	ol year?
	Number of instructional days :		

Q9	On the average, how many <u>hours</u> in total are there in the school day? (include lunch breaks, study hall time, and after school activities)
	Number of total hours in a school days :
Q10	On the average, how many <u>hours</u> for <i>instruction</i> are there in the school day? (exclude lunch breaks and after school activities)
	Number of total hours in a school day :

# Q11 Is your school's capacity to provide instruction hindered by a shortage or inadequacy of any of the following?

		Not at all	Very little	To some extent	A lot
a)	Availability of qualified mathematics teachers			$\square_{_{3}}$	
b)	Availability of qualified science teachers			$\square_{_3}$	$\square_4$
c)	Availability of qualified English teachers			$\square_3$	
d)	Availability of qualified foreign language teachers			$\square_3$	
e)	Availability of experienced teachers			$\square_{_3}$	$\square_4$
f)	Availability of substitute/replacement teachers			$\square_3$	
g)	Availability of instructional support personnel (including technical or lab support)				
h)	Instructional materials (e.g. textbooks)			$\square_3$	
i)	Budget for supplies (e.g. paper, pencils)			$\square_3$	$\square_4$
j)	School buildings and grounds			$\square_3$	
k)	Heating/cooling and lighting systems			$\square_3$	
1)	Instructional space (e.g. classrooms)			$\square_{_3}$	
m)	Special equipment for disabled students			$\square_3$	
n)	Computers for instruction			$\square_3$	
o)	Computer software for instruction		$\Box$ ,		

			Not at all	Very little	To some extent	A lot
	p)	Calculators for instruction		$\square_{_{2}}$	$\square_{_3}$	
	q)	Library materials			$\square_{_3}$	
	r)	Audio-visual resources		$\square_{_2}$	$\square_{_3}$	
	s)	Science laboratory equipment and materials			$\square_3$	
Q12	(	In your school, about how many (Please write a number in each row. Wi	rite 0 (ze	ero) if	there are	e none.) nber
		in the school altogether?				
		available to 15-year-old students?				
	c)	available only to teachers?	••••••			
	d)	available only to administrative staff?				
	e)	connected to the Internet/World Wide Web?		•••••		
	f)	connected to a local area network (LAN)?				

### Q13 How much consideration is given to the following factors when students are admitted to your school?

		Prerequisite	High priority	Considered	Not considered
a)	Residence in a particular area .		$\square_2$	$\square_3$	
b)	Student's academic record (including placement tests)				
c)	Recommendation of feeder schools				
d)	Parents' endorsement of the instructional or religious philosophy of the school	🔲 1			
e)	Student need or desire for a special program			$\square_{_3}$	4
f)	Attendance of other family members at the school (past or present)				

### Q14 Think about the students in your school. How much do you agree with the following statements?

·	igice with the following state	,,,,,				
(1	Please check one box in each row	.)	Strongly agree	Agree	Disagre	Strong e disagr
a)	Students enjoy being in school				$\square_3$	
b)	Students work with enthusiasm			$\square_{_{2}}$		
c)	Students take pride in this school				$\square_3$	
d)	Students value academic achievement.				$\square_3$	
e)	Students are cooperative and respectful				$\square_3$	
,	Students value the education they can receive in this school.				$\square_3$	
	Students do their best to learn as much as possible.				$\square_3$	
	Generally, in your school, he students assessed using: (Please check only one box in each		r.) 1 – 2	3 – 5	ar-old	More than
		Never	times a year	year	Monthly	once a month
a)	Standardized tests?				4	
b)	Teacher-developed tests?			$\square_3$	$\square_4$	
c)	Teachers' evaluations of students?			$\square_3$	$\square_4$	
d)	Student portfolios?			$\square_3$	$\square_4$	<sub>5</sub>

# Q16 In your school, are assessments of 15-year-old students used for any of the following purposes?

			Yes	No
	a)	To inform parents about their child's progress.		
	b)	To make decisions about students' retention or promotion		
	c)	To group students for instructional purposes.		
	d)	To compare the school to national, state or district performance.		
	e)	To monitor the school's progress from year to year		
	f)	To make judgements about teachers' effectiveness		
	g)	To identify aspects of instruction or the curriculum that could be improved.		
	h)	To compare the school with other schools.		
Q17		About how many 15-year-old students in your s have a first language that is not English?  Please check only one box.)	chool	
	a)	40% or more		
	b)	20% or more but less than 40% $\square_2$		
	c)	10% or more but less than 20% $\square_3$		
	d)	Less than 10%		

Schools with students whose first language is not English sometimes offer specific language options to these students.

Does your school offer any of the following options to 15-year-old students whose first language is not English?

	No, not for any languages	Yes for one language	Yes for 2 or more languages	Not applicable
ction in their language is d as a separate at specifically ese students panish age/literature for Spanish ers).				
ction in their language is d as a separate at for students wish to learn the age (e.g. sh age/literature for ats who want to be improve sh).				
ection in other of the ulum is offered r language (e.g. matics course			П.	
	language is d as a separate at specifically ese students spanish age/literature for Spanish ers) etion in their language is d as a separate at for students wish to learn the age (e.g. sh age/literature for atts who want to or improve sh) etion in other of the ulum is offered ar language (e.g.	any languages  etion in their language is d as a separate et specifically ese students epanish age/literature for Spanish ers)	any languages  etion in their language is d as a separate et specifically ese students epanish age/literature for Spanish ers)	any languages  languages  ction in their language is d as a separate et specifically ese students epanish ege/literature for Spanish ers)

Schools sometimes organize instruction differently for Q19 students with different abilities and interests in mathematics. Which of the following options describe what your school does for 15-year-old students in mathematics? (Please check one box in each row.) For all For some For no classes classes classes a) Mathematics classes study similar content, but at different levels of difficulty. ..... b) Different classes study different content or sets of mathematics topics that have different levels of difficulty. c) Students are grouped by ability within their mathematics classes. d) Students are not grouped by ability in mathematics. **Q20** In your school, do any of the following activities to promote engagement with mathematics occur? (Please check one box in each row) Yes No a) Enrichment mathematics ..... b) Remedial mathematics ..... c) Mathematics competitions ..... d) Mathematics clubs .....

e) Computer clubs (specifically related to

mathematics) .....

### Q21 How many of the following are on the staff of your school?

*Include both full-time and part-time teachers.* A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.

(Please write a number in each space provided. Write 0 (zero) if there is none.)

		Full time	Part Time
a)	Teachers in TOTAL		
b)	Teachers with a regular or standard state certificate or advanced professional certificate		
c)	Teachers with a probationary certificate (the initial certificate issued after satisfying all requirements except the completion of a probationary period.)		
d)	Teachers with provisional or other type of certification given to persons who are still participating in what the state calls an "alternative certification program."		
e)	Teachers with a temporary certificate (requires some additional college coursework and/or student teaching before regular certification can be obtained.)		
f)	Teachers with an emergency certificate or waiver (issued to persons with insufficient teacher preparation who must complete a regular certification program in order to continue teaching.)		

#### How many of the following are on the MATHEMATICS **Q22** staff of your school?

Include both full-time and part-time teachers. A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.

Please count only those teachers who have taught or will teach mathematics during the current school year.

(Please write a number in each space provided Write 0 (zero) if

				Full time	P Ti
a)	Teachers of mathematics in TOTAL	•••••			_
b)	Teachers of mathematics with a bachelor's or degree with a major in mathematics, mathem education, statistics, physics, or engineering	atics			_
c)	Teachers of mathematics with a bachelor's or degree <b>but not a major</b> in mathematics, mat education, statistics, physics, or engineering.	hematic	S		_
d)	Teachers of mathematics with a bachelor's or degree in education				
e)	Teachers of mathematics with an associate's not a bachelor's or master's degree	_			
					_
	During the last year, have any of to monitor the practice of mathen school?	the fo	llowir	ng be	
	During the last year, have any of to monitor the practice of mathen	the fo	llowir	ng be	
	During the last year, have any of to monitor the practice of mathen school?	the fo	llowir	ng be	
	During the last year, have any of to monitor the practice of mathen school?	the fo natics	llowir teacl	ng be	
a)	During the last year, have any of to monitor the practice of mather school?  (Please check one box in each row.)  Tests or assessments of student	the fo natics	llowir teacl	ng be	
a) b)	During the last year, have any of to monitor the practice of mathemschool?  (Please check one box in each row.)  Tests or assessments of student achievement	the fo natics	llowir teacl	ng be	

# Q24 How much do you agree with these statements about innovation in your school?

		(Please check one box in each row.)				
			Strongly agree	Agree	Disagree	Strongl disagre
	a)	Mathematics teachers are interested in trying new methods and teaching practices.	🗆			
	b)	There is a preference among mathematics teachers to stay with well-known methods and practices.	🗆 1		$\square_3$	
	c)	There are frequent disagreements between 'innovative' and 'traditional' mathematics teachers.			$\square_3$	
Q25		How much do you agree with the teachers' expectations in your s			its abo	ut
	(	(Please check one box in each row.)	Strongly			Strongl
	`		agree	Agree	Disagree	disagre
	a)	There is consensus among mathematics teachers that academic achievement must be kept as high as possible.				
	b)	There is consensus among mathematics teachers that it is best to adapt academic standards to the students' level and needs.				
	c)	There are frequent disagreements between mathematics teachers who consider each other to be 'too demanding' or 'too lay'			<u> </u>	

#### How much do you agree with these statements about **Q26** teaching goals in your school?

(Please check one box in each row.) Strongly agree Agree Disagree Strongly disagree a) There is consensus among mathematics teachers that the social and emotional development of the student is as important as their acquisition of mathematical skills and knowledge in mathematics classes. ...... b) There is consensus among mathematics teachers that the development of mathematical skills and knowledge in students is the most important objective in mathematics classes. c) There are frequent disagreements between mathematics teachers who consider each other as 'too focused on skill acquisition' or 'too focused on the affective development' of the student. .....

#### Q27 Think about the teachers in your school. How much do you agree with the following statements?

		Strongly agree	Agree	Disagree	Strongly disagree
a)	The morale of teachers in this school is high.				
b)	Teachers work with enthusiasm.			$\square_{_{3}}$	$\square_4$
c)	Teachers take pride in this school				
d)	Teachers value academic achievement				

# Q28 In your school, to what extent is the learning of students hindered by:

`		Not at all	Very little	To some extent	A lot
a)	teachers' low expectations of students?				
b)	student absenteeism?			$\square_3$	
c)	poor student-teacher relations?			$\square_3$	
d)	disruption of classes by students?			$\square_3$	
e)	teachers not meeting individual students' needs?			$\square_3$	
f)	teacher absenteeism?			$\square_3$	
g)	students skipping classes?			$\square_{_3}$	
h)	students lacking respect for teachers?			$\square_{_3}$	
i)	staff resisting change?			$\square_3$	
j)	student use of alcohol or illegal drugs?			$\square_3$	
k)	teachers being too strict with students?			$\square_{_3}$	
1)	students intimidating or bullying other students?				
m)	students not being encouraged to achieve their full potential?			$\square_3$	

#### Q29 In your school, who has the main responsibility for:

(Please check as many boxes as appropriate in each row.)

		Not a main responsibility of the school	Appointed or elected school board	Principal	Department Head	Teacher(s
a)	hiring teachers?					
b)	firing teachers?					
c)	establishing teachers' starting salaries?					
d)	determining teachers' salary increases?					
e)	formulating the school budget?					
f)	deciding on budget allocations within the school?					
g)	establishing student disciplinary policies?					
h)	establishing student assessment policies?					
i)	approving students for admittance to the school?					
j)	choosing which textbooks are used?					
k)	determining course content?					
1)	deciding which courses are offered?					

# Q30 In your school, which of the following bodies exert a direct influence on decision making about staffing, budgeting, instructional content and assessment practices?

(Please check as many boxes as apply.)

		Area of influence:					
		Staffing	Budgeting	Instructional content	Assessment practices		
a)	Local, state or national education authorities (e.g. Department of Education)						
b)	Appointed or elected school board.						
c)	Employers						
d)	Parent groups						
e)	Teacher groups (e.g. Staff Association, curriculum committees, union)						
f)	Student groups (e.g. Student Association, youth organization)						
g)	External examination boards						

Thank you for completing this questionnaire.