

# READING CONCEPTS READING ITEMS

The Reading Concepts and Reading Items book contains 11 reading assessment units and 45 questions related to these units. These are the released items from the 2000 assessment (they are distinct from the secure items, which are kept confidential so that they may be used in subsequent cycles to monitor trends). In addition, an excerpt from the reading curriculum framework is included at the back of this volume.

#### Guide to Using the Reading Concepts and Reading Items Materials

The materials contained in this book can be used in a number of ways as a tool to assist teachers in making a formative assessment of student knowledge and skills. Some of these ways include the following:

**Teacher-designed formative assessments**. A teacher might, for example, decide to examine how well his or her class can retrieve information from various forms of text. In such a case, the first step would be to review the questions in each unit of *Reading Concepts and Reading Items*, selecting the ones of interest. Ready-to-use versions of these items can be found in the companion *Reading Items* book. The teacher can photocopy these items or present them to students on an overhead. Student responses can be scored by referring to the appropriate page in *Reading Concepts and Reading Items*. The teacher could also compare the overall percentage of students responding correctly to the international benchmark for that item.

**Feedback on teaching.** To the extent that the items coincide with concepts taught, the teacher might follow the same process to gain rapid feedback on the success of the teaching episode.

**Understanding misunderstandings.** Again, a teacher might decide to examine the incorrect or partially correct responses of the class for insight into any general misunderstandings, with a view to re-teaching a particular topic or skill.

**Identifying individual difficulties.** In the same way, the teacher might use the items to identify particular difficulties experienced by individual students, as the basis for some remedial teaching or focused practice.

Turn the page for instructions and an illustrative example.

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#### **Guide to the Content and Layout of This Book**

#### A unit is made up of

- stimulus material, and
- questions relating to this material.

Lake Chad is the name given to the first unit you will see. The five questions that follow ask questions about the Lake Chad stimulus material—for example, What is the depth of Lake Chad today?

#### **Task and text descriptors** appear directly under the question heading:

- Task refers to the behavior being measured—for Lake Chad Question 1: the task is Retrieving information, and
- Text refers to the nature of the reading text—for Lake Chad Question 1: the text is Non-continuous.

Each unit may use as many as three different question-and-response formats. All three formats are described below:

- Multiple-choice response formats ask the student to choose among several alternatives. In the *Lake Chad* example, Questions 1, 4 and 5 are multiple choice.
- **Short-answer response formats** ask the student to write down a short answer to the question. In the *Lake Chad* example, Questions 2 and 3 ask for short-answer responses.
- Extended-response formats ask the student to write an somewhat extended answer to the question. In the unit called *Flu*, Questions 2 and 4 ask for an extended response.

#### Scoring of student responses takes two forms:

- **Correct/incorrect**—some items are simply scored as correct/incorrect. In the *Lake Chad* example, Questions 1 and 2 are scored this way.
- **Correct/partly correct/incorrect**—the scoring for some items allows partial credit for the response in addition to full credit and no credit. Question 2 in the unit *Flu* is scored this way.

**Scoring guides** are provided for each question. In this kit only the general instructions are provided. Illustrative examples presented in the original version of the scoring guide have been deleted in the interest of conserving space. The full version of these scoring guides can be found in the Organization for Economic Cooperation and Development (OECD) publication *Sample Tasks from the PISA 2000 Assessment* (see the publications guide in the *Readme First* book).

**International benchmarks** are provided next to each question. These consist of statistics on the percentage of students in each country who answered the question correctly. The countries are ordered in terms of this percentage. The OECD average is included as well. This display also indicates which countries scored significantly higher, significantly lower and no differently from this OECD average.

#### READING UNIT 1

### **Lake Chad**

Figure A shows changing levels of Lake Chad, in Saharan North Africa. Lake Chad disappeared completely in about 20,000 BC, during the last Ice Age. In about 11,000 BC it reappeared. Today, its level is about the same as it was in AD 1000.

Figure A

Lake Chad: changing levels

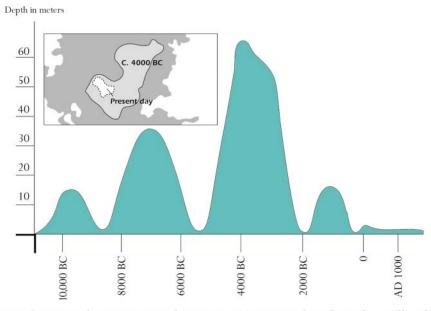
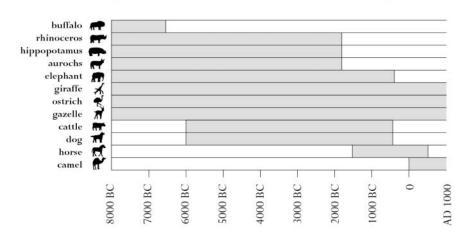


Figure B shows Saharan rock art (ancient drawings or paintings found on the walls of caves) and changing patterns of wildlife.

Figure B
Saharan rock art and changing patterns of wildlife



Source: Copyright Bartholomew Ltd, 1988. Extracted from The Times Atlas of Archaeology and reproduced by permission of Harper Collins Publishers.

This task requires students to locate and combine pieces of information in a graph and its introduction.

#### Question 1: LAKE CHAD

 ${\it Reading \ task: Retrieving \ information}$ 

Text format: Non-continuous

#### What is the depth of Lake Chad today?

- A About two meters.
- B About fifteen meters.
- C About fifty meters.
- D It has disappeared completely.
- E The information is not provided.

#### Scoring - Question 1: LAKE CHAD

**Correct:** Answer A – about two meters.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

France	78	
Japan	78	
Finland	75	
Korea, Republic of	74	
Australia	72	<b>▲</b>
Austria	71	0
Sweden	70	0
United Kingdom	70	0
Switzerland	69	0
Ireland	68	0
Norway	68	0
New Zealand	68	0
Denmark	68	0
Czech Republic	68	0
Canada	67	0
OECD average	67	
Belgium	66	0
Germany	66	0
Iceland	65	0
Poland	65	0
Liechtenstein	64	0
Italy	63	0
United States	61	0
Russian Federation	61	$\blacksquare$
Spain	60	$\blacksquare$
Latvia	59	0
Luxembourg	57	$\blacksquare$
Portugal	56	$\blacksquare$
Hungary	56	0 V 0 V
Brazil	31	$\blacksquare$

Country average vs. OECD average:		
Higher	<b>▲</b>	
Not different	○	
Lower	▼	

This task requires students to identify the starting date of a graph when strong competing information appears in the graph.

#### **Question 2: LAKE CHAD**

Reading task: Retrieving information Text format: Non-continuous

In about which year does the graph in Figure A start?

#### **Scoring – Question 2: LAKE CHAD**

**Correct:** Answers which state 11,000 BC (or an approximation

between 10,500 and 12,000), indicating that the student

has extrapolated from the scale).

Incorrect: Other answers, including arrow pointing to the

starting point of the graph.

#### **Overall Percent Correct**

Finland	73	
Liechtenstein	67	0 <b>A</b> <b>A</b> 0 <b>A</b> 0
France	65	
Belgium	65	
Czech Republic	64	
New Zealand	64	
Sweden	61	
Norway	61	O
Switzerland	61	
Australia	61	0
United Kingdom	61	
Hungary	58	0
Austria	58	0
Japan	57	0
Germany	56	0
Russian Federation	56	O
OECD average	55	
Canada	54	0
Poland	52	0
Greece	52	0
Denmark	51	0
Korea, Republic of	50	0
United States	49	0
Ireland	49	0
Iceland	48	$\blacksquare$
	48	0
Luxembourg	40	
Luxembourg Italy	47	•
_		<b>▼</b>
Italy	47	<b>*</b>
Italy Latvia	47 43	<b>* * * *</b>
Italy Latvia Portugal	47 43 37	0 0 0 V

Country average vs. OECD average:		
Higher Not different Lower	0	

This task requires students to hypothesize about the reason for an author's decision by drawing on evidence in a graph and relating it to the inferred main theme of a complex set of texts.

#### **Question 3: LAKE CHAD**

Reading task: Reflection and evaluation Text format: Non-continuous

Why has the author chosen to start the graph at this point?

#### Scoring - Question 3: LAKE CHAD

**Correct:** Answers which refer to the <u>reappearance of the</u>

<u>lake</u>. Note: an answer may be correct even if the

previous answer is incorrect.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Japan	65	
Hungary	56	
Belgium	56	
Switzerland	55	
Finland	54	
Italy	54	
France	53	
Spain	53	<b>A A</b>
Sweden	51	
Russian Federation	51	O
Austria	50	O
Poland	49	O
Denmark	48	O
Korea, Republic of	46	Ο
OECD average	45	
Czech Republic	43	0
Greece	43	0
Ireland	42	O
United Kingdom	42	0
Liechtenstein	41	O
Germany	40	O
Norway	40	O
New Zealand	40	O
Australia	40	O
Canada	40	$\blacksquare$
Portugal	36	$\blacksquare$
Brazil	36	<ul><li>○</li><li>▼</li><li>▼</li><li>▼</li><li>▼</li><li>▼</li><li>▼</li></ul>
Latvia	35	$\blacksquare$
Iceland	33	$\blacksquare$
Luxembourg	32	$\blacksquare$
United States	31	$\blacksquare$
Mexico	22	•

Country average vs. OECD average:		
Higher Not different	0	
Lower	▼	

This task requires students to recognize the main idea of a chart by relating it to its title.

#### **Question 4: LAKE CHAD**

Reading task: Interpreting texts Text format: Non-continuous

#### Figure B is based on the assumption that

- A the animals in the rock art were present in the area at the time they were drawn.
- B the artists who drew the animals were highly skilled.
- C the artists who drew the animals were able to travel widely.
- D there was no attempt to domesticate the animals which were depicted in the rock art.

#### Scoring – Question 4: LAKE CHAD

 $\label{lem:correct:} \textbf{Correct:} \quad \text{Answer } A-\text{the animals in the rock art were present}$ 

in the area at the time they were drawn.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Finland	89	
Hungary	89	
Liechtenstein	87	<ul><li>▲</li><li>↓</li><li>▲</li><li>▲</li><li>▲</li></ul>
Austria	86	
Korea, Republic of	86	
France	86	
Sweden	85	
Belgium	85	
Germany	85	
Spain	84	
Denmark	83	0
Italy	83	0
Switzerland	83	0
Czech Republic	82	0
Canada	81	0
Australia	81	0
Portugal	80	0
OECD average	80	
Japan	80	0
New Zealand	79	0
Poland	78	0
United Kingdom	78	0
Norway	78	0
Luxembourg	78	0
Ireland	74	$\blacksquare$
Iceland	73	$\blacksquare$
United States	72	$\blacksquare$
Greece	70	0 V V V
Latvia	69	$\blacksquare$
Brazil	67	$\blacksquare$
Russian Federation	64	$\blacksquare$
Mexico	51	$\blacksquare$

Country average vs. OECD average:		
Higher Not different Lower	<b>▲</b> ○ ▼	

This task requires students to integrate information from two graphic displays where different conventions are used and where readers need to have interpreted the structure of both displays in order to translate the relevant information from one form to the other.

#### **Question 5: LAKE CHAD**

Reading task: Interpreting texts Text format: Non-continuous

For this question you need to draw together information from Figure A and Figure B.

The disappearance of the rhinoceros, hippopotamus and aurochs from Saharan rock art happened

- A at the beginning of the most recent Ice Age.
- B in the middle of the period when Lake Chad was at its highest level.
- C after the level of Lake Chad had been falling for over a thousand years.
- D at the beginning of an uninterrupted dry period.

#### **Scoring – Question 5: LAKE CHAD**

**Correct:** Answer C – after the level of Lake Chad had been

falling for over a thousand years.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Finland 73	<b>A</b>
Belgium 69	_
Liechtenstein 67	0
Czech Republic 64	0
Australia 64	0
France 63	0
Ireland 63	O
Canada 63	
Germany 62	O
Norway 62	O
Switzerland 62	O
Denmark 62	O
Austria 61	O
Iceland 60	O
United Kingdom 60	0
New Zealand 60	O
Sweden 60	0
OECD average 59	
Japan 59	0
Spain 58	Ο
United States 57	0
Poland 56	O
Poland 56 Korea, Republic of 55	0
	_
Korea, Republic of 55	0
Korea, Republic of 55 Luxembourg 54	0 0 0
Korea, Republic of 55 Luxembourg 54 Hungary 54	0 0 0
Korea, Republic of 55 Luxembourg 54 Hungary 54 Latvia 52	0 0 0
Korea, Republic of 55 Luxembourg 54 Hungary 54 Latvia 52 Greece 52	0 0 0
Korea, Republic of 55 Luxembourg 54 Hungary 54 Latvia 52 Greece 52 Portugal 49	0 0 0
Korea, Republic of 55 Luxembourg 54 Hungary 54 Latvia 52 Greece 52 Portugal 49 Russian Federation 48	0

Country avera OECD avera	
Higher	<b>▲</b>
Not different	○
Lower	▼

The OECD average is the average of 27 of the 32 national averages. Brazil, Latvia, Liechtenstein, and the Russian Federation are not OECD countries. The Netherlands is omitted for technical reasons.

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#### READING UNIT 2

#### Flu

#### ACOL Voluntary Flu Immunization Program

As you are no doubt aware, the flu can strike rapidly and extensively during winter. It can leave its victims ill for weeks.

The best way to fight the virus is to have a fit and healthy body. Daily exercise and a diet including plenty of fruit and vegetables are highly recommended to assist the immune system to fight this invading virus.

ACOL has decided to offer staff the opportunity to be immunized against the flu as an additional way to prevent this insidious virus from spreading amongst us. ACOL has arranged for a nurse to administer the immunizations at ACOL, during a half-day session in work hours in the week of May 17. This program is free and available to all members of staff.



Participation is voluntary. Staff taking up the option will be asked to sign a consent form indicating that they do not have any allergies, and that they understand they may experience minor side effects.

Medical advice indicates that the immunization does not produce influenza. However, it may cause some side effects such as fatigue, mild fever and tenderness of the arm.

#### Who Should Be Immunized?

Anyone interested in being protected against the virus.

The immunization is especially recommended for people over the age of 65. But regardless of age, ANYONE who has a chronic debilitating disease, especially cardiac, pulmonary, bronchial or diabetic conditions. In an office environment ALL staff are at risk of catching the flu.



#### Who Should Not Be Immunized?

Individuals hypersensitive to eggs, people suffering from an acute feverish illness and pregnant women.

Check with your doctor if you are taking any medication or have had a previous reaction to a flu injection.

If you would like to be immunized in the week of May 17 please advise the personnel officer, Fiona McSweeney, by Friday May 7. The date and time will be set according to the availability of the nurse, the number of participants and the time convenient for most staff. If you would like to be immunized for this winter but cannot attend at the arranged time please let Fiona know. An alternative session may be arranged if there are sufficient numbers.

For further information please contact Fiona on ext. 5577.



Fiona McSweeney, the personnel officer at a company called ACOL, prepared the information sheet above for ACOL staff. Refer to the information sheet to answer the questions which follow.

This task requires students to locate explicitly stated information about an immunization program in the workplace where competing or distracting information is present.

#### Question 1: FLU

Reading task: Retrieving information

Text format: Continuous

#### Which one of the following describes a feature of the ACOL flu immunization program?

- A Daily exercise classes will be run during the winter.
- B Immunizations will be given during working hours.
- C A small bonus will be offered to participants.
- D A doctor will give the injections.

#### Scoring - Question 1: FLU

**Correct:** Answer B – immunizations will be given during

working hours.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Japan	87	
Austria	82	
Liechtenstein	81	0
Czech Republic	79	
Australia	79	0
Spain	78	
Finland	78	0
Canada	78	
Germany	77	0
Ireland	77	0
Hungary	76	0
United Kingdom	75	0
France	75	0
Italy	75	0
New Zealand	74	0
Switzerland	74	0
Sweden	74	0
Iceland	74	0
Korea, Republic of	73	0
OECD average	73	
Norway	72	0
Portugal	71	O
United States	71	0
Belgium	71	O
Poland	69	O
Luxembourg	69	O
Denmark	69	0
Greece	60	$\blacksquare$
Brazil	59	▼ ▼ ▼
Latvia	55	•
Russian Federation	51	•
Mexico	47	•

Country average vs. OECD average:		
Higher Not different Lower	<b>▲</b> ○ ▼	

This task requires students to evaluate the appropriateness of {formal text features/content} in relation to the intended tone of a notice about immunization. Readers need to draw on their understanding of what constitutes appropriate style for a particular purpose and audience.

#### **Question 2: FLU**

Reading task: Reflection and evaluation Text format: Continuous

We can talk about the <u>content</u> of a piece of writing (what it says).

We can talk about its <u>style</u> (the way it is presented). Fiona wanted the <u>style</u> of this information sheet to

be friendly and encouraging. Do you think she succeeded?

Explain your answer by referring in detail to the layout, style of writing, pictures or other graphics.

#### Scoring – Question 2: FLU

### Fully Correct:

Answers which <u>refer accurately to the text AND relate</u> <u>style to purpose</u>, and in a way that is consistent with the writer's intention of being "friendly and encouraging". The answer must do AT LEAST ONE of the following:

- 1. refer to one of the features in detail (layout, style of writing, pictures or other graphics or other similar detail) that is, to a specific part or quality of a feature; AND/OR
- 2. use evaluative terms other than "friendly" and "encouraging". (Note that such terms as "interesting," "easy to read" and "clear" are not sufficiently specific on their own.)

Opinion about whether Fiona succeeded may be stated or implied.

### Partially Correct:

Answers which <u>refer accurately to the text</u> AND <u>relate purpose to information and content</u> (rather than style), and acknowledge the writer's intention of being "friendly and encouraging".

Opinion about whether Fiona succeeded may be stated or implied.

**Incorrect:** Answers which show inaccurate comprehension of the material or are implausible or irrelevant.

#### **Overall Percent Correct**

United Kingdom	74	
Japan 	72	<b>A A A O</b>
Australia	62	<b>A</b>
Germany	61	
Ireland	59	
Belgium	56	
Canada	55	
Austria	54	O
New Zealand	54	Ο
Sweden	53	0
Italy	49	Ο
Poland	49	O
Denmark	49	0
OECD average	48	
Spain	47	O
Czech Republic	46	O
Finland	45	0
Hungary	44	O
France	44	0
Iceland	43	O
Portugal	42	$\blacksquare$
Luxembourg	41	O
Korea, Republic of	41	$\blacksquare$
Norway	38	$\blacksquare$
Greece	37	$\blacksquare$
United States	37	O V
Switzerland	37	$\blacksquare$
Latvia	34	$\blacksquare$
Russian Federation	28	$\blacksquare$
Brazil	23	$\blacksquare$
Liechtenstein	17	$\blacksquare$
Mexico	16	▼

Country average vs. OECD average:		
Higher	<b>A</b>	
Not different	O	
Lower	•	

This task requires students to construe the meaning of several words or phrases in order to compare the status of recommendations in a notice about immunization. Readers need to integrate information across paragraphs amid distracting information.

#### **Question 3: FLU**

Reading task: Interpreting texts
Text format: Continuous

#### This information sheet suggests that if you want to protect yourself against the flu virus, a flu injection is

- A more effective than exercise and a healthy diet, but more risky.
- B a good idea, but not a substitute for exercise and a healthy diet.
- C as effective as exercise and a healthy diet, and less troublesome.
- D not worth considering if you have plenty of exercise and a healthy diet.

#### Scoring - Question 3: FLU

**Correct:** Answer B - a good idea, but not a substitute for

exercise and a healthy diet.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Canada	71	
United States	70	
Finland	69	
Denmark	68	
Sweden	66	
Australia	65	
Norway	63	
United Kingdom	62	
Iceland	61	
Austria	61	
New Zealand	61	0
Italy	61	
Ireland	61	0
Czech Republic	59	0
Germany	58	0
Belgium	58	0
Liechtenstein	58	0
OECD average	56	
Greece	55	0
Hungary	54	0
Spain	53	0
a	52	0
Portugal	32	_
Portugal France	47	•
3		•
France	47	•
France Luxembourg	47 46	•
France Luxembourg Poland	47 46 44	•
France Luxembourg Poland Russian Federation	47 46 44 43	•
France Luxembourg Poland Russian Federation Brazil	47 46 44 43 43	$\blacksquare$
France Luxembourg Poland Russian Federation Brazil Switzerland	47 46 44 43 43 42	
France Luxembourg Poland Russian Federation Brazil Switzerland Latvia	47 46 44 43 43 42 40	$\blacksquare$

Country average vs. OECD average:		
Higher	<b>A</b>	
Not different	Ο	
Lower	▼	

This task requires students to evaluate the appropriateness of an apparently contradictory section of a notice about an immunization program in the workplace, taking into account the persuasive intent of the text and/or its logical coherence.

#### Question 4: FLU

Reading task: Reflection and evaluation

Text format: Continuous

#### Part of the information sheet says:

Who Should Be Immunized?

Anyone interested in being protected against the virus.

After Fiona had circulated the information sheet, a colleague told her that she should have left out the words "Anyone interested in being protected against the virus" because they were misleading.

Do you agree that these words are misleading and should have been left out?

Explain your answer.

#### Scoring - Question 4: FLU

**Correct:** 

Answers which <u>evaluate</u> the section of text <u>in relation</u> to the term "misleading" by indicating that there is a potential <u>contradiction</u>. ("Who should be immunized? Anyone..." vs. "Who should not be immunized?"). May or may not explain what the contradiction is. Agreement or disagreement may be stated or implied.

OR: Answers which <u>evaluate</u> the section of text <u>in</u> <u>relation to the term "misleading"</u> by indicating that the statement may be an <u>exaggeration</u>. (i.e. Not everyone needs the immunization, or the immunization does not offer complete protection.) May or may not explain what the exaggeration is. Agreement or disagreement may be stated or implied.

**Incorrect:** Answers which <u>evaluate</u> the section of text, <u>but not in relation to the term "misleading".</u>

- 1. Indicates that the statement is <u>strong</u>, <u>effective</u> <u>and/or encouraging</u> without mentioning potential contradiction or misleading element; or (2) indicates that the statement "Anyone interested in being protected against the virus" is <u>redundant</u> because it is stating the obvious.
- 2. Other incorrect would include answers which are <a href="insufficient or vague">insufficient or vague</a>, or restate "misleading" without explanation or which show <a href="inaccurate comprehension">inaccurate comprehension</a> of the material or are <a href="implausible or irrelevant">implausible or irrelevant</a>.

#### **Overall Percent Correct**

Japan Finland Sweden United Kingdom Canada	54 50 48 44 44	<b>^ ^ ^ ^ 0 0</b>
Portugal Ireland	44 41	0
United States Korea, Republic of	41 41	0
Norway New Zealand	39 39	Ο
Iceland	37 <b>35</b>	0
OECD average Australia	35	0
Belgium	35 34	0
Denmark	34 34	0
Czech Republic	33	0
Greece	32	
Switzerland	30	<b>V</b>
Poland	30	0
Germany	29	0 V 0 V V V V V
Austria	29	•
Spain	29	$\blacksquare$
France	28	$\blacksquare$
Latvia	26	$\blacksquare$
Brazil	26	$\blacksquare$
Italy	25	$\blacksquare$
Luxembourg	25	$\blacksquare$
Hungary	24	$\blacksquare$
Russian Federation	18	$\blacksquare$
Mexico	14	•

Country average vs. OECD average:		
Higher	<b>▲</b>	
Not different	○	
Lower	▼	

This task requires students to analyze and categorize several described cases by taking into account and integrating multiple conditions dispersed throughout a notice about immunization.

#### **Question 5: FLU**

Reading task: Interpreting texts
Text format: Continuous

## According to the information sheet, which one of these staff members should contact Fiona?

- A Steve from the store, who does not want to be immunized because he would rather rely on his natural immunity.
- B Julie from sales, who wants to know if the immunization program is compulsory.
- C Alice from the mailroom, who would like to be immunized this winter but is having a baby in two months.
- D Michael from accounts, who would like to be immunized but will be on leave in the week of May 17.

#### **Scoring – Question 5: FLU**

**Correct:** Answer D – Michael from accounts, who would like

to be immunized but will be on leave in the week of

May 17.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Finland	61	
Korea, Republic of	59	
Austria	58	<b>A</b>
Australia	58	
Japan	58	
Ireland	58	<b>A</b>
New Zealand	57	
Iceland	56	O
Belgium	56	O
Germany	56	0
Czech Republic	55	O
Denmark	54	O
Switzerland	54	0
Sweden	53	0
Norway	53	0
United Kingdom	52	0
Canada	51	0
France	51	0
OECD average	51	
Liechtenstein	50	0
United States	47	0
Spain	46	0
Greece	43	
Hungary	42	•
Russian Federation	42	•
Luxembourg	41	•
Italy	40	•
Poland	39	
Latvia	38	•
Mexico	35	•
Portugal	35	* * * * * * * * * * * * * * * * * * *

Country average vs. OECD average:	
Higher Not different	<b>A</b>
Lower	▼

### Reading Unit 3

#### **Graffiti**

The two letters below come from the internet and are about graffiti. Graffiti is illegal painting and writing on walls and elsewhere. Refer to the letters to answer the questions below.

I'm simmering with anger as the school wall is cleaned and repainted for the fourth time to get rid of graffiti. Creativity is admirable but people should find ways to express themselves that do not inflict extra costs upon society.

Why do you spoil the reputation of young people by painting graffiti where it's forbidden? Professional artists do not hang their paintings in the streets, do they? Instead they seek funding and gain fame through legal exhibitions.

In my opinion buildings, fences and park benches are works of art in themselves. It's really pathetic to spoil this architecture with graffiti and, what's more, the method destroys the ozone layer. Really, I can't understand why these criminal artists bother as their "artistic works" are just removed from sight over and over again.

Helga

Source: Mari Hankala.

There is no accounting for taste. Society is full of communication and advertising. Company logos, shop names. Large intrusive posters on the streets. Are they acceptable? Yes, mostly. Is graffiti acceptable? Some people say yes, some no.

Who pays the price for graffiti? Who is ultimately paying the price for advertisements? Correct. The consumer.

Have the people who put up billboards asked your permission? No. Should graffiti painters do so then? Isn't it all just a question of communication — your own name, the names of gangs and large works of art in the street?

Think about the striped and chequered clothes that appeared in the stores a few years ago. And ski wear. The patterns and colours were stolen directly from the flowery concrete walls. It's quite amusing that these patterns and colours are accepted and admired but that graffiti in the same style is considered dreadful.

Times are hard for art.

Sophia

This task requires students to identify the purpose that two short texts have in common by comparing the main ideas in each of them.

#### **Question 1: GRAFFITI**

Reading task: Interpreting texts Text format: Continuous

#### The purpose of each of these letters is to

- A explain what graffiti is.
- B present an opinion about graffiti.
- C demonstrate the popularity of graffiti.
- D tell people how much is spent removing graffiti.

#### **Scoring – Question 1: GRAFFITI**

**Correct:** Answer B – present an opinion about graffiti.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Korea, Republic of	91	
Finland	89	
Norway	88	
Canada	87	
Japan	86	
United States	85	0
Sweden	85	
New Zealand	84	
Australia	84	
Switzerland	83	0
Ireland	83	0
France	82	0
United Kingdom	82	0
Denmark	81	0
Greece	80	0
OECD average	80	
Hungary	80	O
Italy	80	0
Germany	80	0
Spain	80	0
Belgium	79	0
Iceland	79	0
Poland	77	0
Czech Republic	76	$\blacksquare$
Austria	73	$\blacksquare$
Luxembourg	73	$\blacksquare$
Latvia	72	$\blacksquare$
Liechtenstein	70	0
Russian Federation	70	$\blacksquare$
Portugal	66	• • • • • • • • • • • • • • • • • • •
Brazil	55	$\blacksquare$
Mexico	52	_

Country average vs. OECD average:	
Higher	<b>▲</b>
Not different	○
Lower	▼

This task requires students to infer an analogical relationship between two phenomena in the text.

#### **Question 2: GRAFFITI**

Reading task: Interpreting texts Text format: Continuous

#### Why does Sophia refer to advertising?

#### **Scoring - Question 2: GRAFFITI**

**Correct:** 

Answers which recognize that a <u>comparison</u> is being drawn between graffiti and advertising, and are consistent with the idea that advertising is a legal form of graffiti.

OR: Answers which recognize that referring to advertising is a strategy to defend graffiti.

**Incorrect:** Answers which are <u>insufficient or vague.</u> Answers which show inaccurate comprehension of the material or are implausible or irrelevant.

#### **Overall Percent Correct**

Sweden	72	
France	71	
Norway	71	<b>A</b>
Poland	69	
Belgium	68	
Greece	68	<b>▲ ▲ ○</b>
Denmark	67	
Korea, Republic of	64	
Finland	63	
Ireland	63	0
Austria	62	0
Liechtenstein	62	0
Germany	61	O
Italy	60	0
Spain	60	O
OECD average	60	
Japan	59	0
Iceland	59	0
Czech Republic	59	0
Hungary	57	0
Hungary United Kingdom	57 55	
United Kingdom	55	
United Kingdom Canada	55 55	
United Kingdom Canada Switzerland	55 55 54	
United Kingdom Canada Switzerland New Zealand	55 55 54 53	
United Kingdom Canada Switzerland New Zealand Luxembourg	55 55 54 53 51	
United Kingdom Canada Switzerland New Zealand Luxembourg Portugal	55 55 54 53 51 50	
United Kingdom Canada Switzerland New Zealand Luxembourg Portugal Russian Federation	55 55 54 53 51 50 49	
United Kingdom Canada Switzerland New Zealand Luxembourg Portugal Russian Federation Australia	55 55 54 53 51 50 49	
United Kingdom Canada Switzerland New Zealand Luxembourg Portugal Russian Federation Australia United States	55 55 54 53 51 50 49 48 48	
United Kingdom Canada Switzerland New Zealand Luxembourg Portugal Russian Federation Australia United States Mexico	55 55 54 53 51 50 49 48 48 40	0 0 V V V V V

Country average vs. OECD average:		
Higher Not different Lower	<b>▲</b> ○ ▼	

This task requires students to compare claims made in two short texts with their own views and attitudes. Readers are also required to demonstrate broad understanding of at least one of the two letters.

#### **Question 3: GRAFFITI**

Reading task: Reflection and evaluation

Text format: Continuous

Which of the two letter writers do you agree with? Explain your answer by using your own words to refer to what is said in one or both of the letters.

#### Scoring – Question 3: GRAFFITI

**Correct:** 

Answers which explain the student's point of view by <u>referring to the content of one or both letters.</u> They may refer to the writer's general position (i.e. for or against) or to a detail of her argument. The interpretation of the writer's argument must be <u>plausible</u>. The explanation may take the form of paraphrase of part of the text, but must not be wholly or largely copied without alteration or addition.

**Incorrect:** Support for own point of view is confined to a <u>direct quotation</u> (with or without quotation marks).

> OR: Answers which are <u>insufficient or vague.</u> Answers which show inaccurate comprehension of the material or are <u>implausible or irrelevant</u>.

#### **Overall Percent Correct**

Japan	84	<u> </u>
Ireland	81	
United Kingdom	80	<b>A</b>
Spain	80	
New Zealand	79	
Denmark	78	<b>▲ ▲ ○ ○</b>
United States	77	
Korea, Republic of	75	0
Greece	75 75	$\cap$
France	75 75	0
Finland	73 74	0
Austria	74 74	0
Belgium	74 74	0
Canada	74 74	0
		0
Norway	74 74	
Poland	/4	O
OFCD average	73	
OECD average	<b>73</b>	0
Germany	72	0
Germany Italy	72 71	0
Germany Italy Liechtenstein	72 71 71	0
Germany Italy Liechtenstein Hungary	72 71 71 71	0
Germany Italy Liechtenstein Hungary Australia	72 71 71 71 69	0
Germany Italy Liechtenstein Hungary Australia Sweden	72 71 71 71 69 69	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal	72 71 71 71 69 69 67	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic	72 71 71 71 69 69 67	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation	72 71 71 71 69 69 67 67	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation Luxembourg	72 71 71 71 69 69 67 67 66 64	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation Luxembourg Iceland	72 71 71 71 69 69 67 67 66 64	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation Luxembourg Iceland Switzerland	72 71 71 71 69 69 67 67 66 64 63 63	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation Luxembourg Iceland Switzerland Brazil	72 71 71 71 69 69 67 67 66 64 63 63 60	0
Germany Italy Liechtenstein Hungary Australia Sweden Portugal Czech Republic Russian Federation Luxembourg Iceland Switzerland	72 71 71 71 69 69 67 67 66 64 63 63	_

Country average vs. OECD average:	
Higher	<b>▲</b>
Not different	○
Lower	▼

This task requires students to evaluate the writer's craft by comparing two short letters on the topic of graffiti. Readers need to draw on their understanding of what constitutes good style in writing.

#### **Question 4: GRAFFITI**

Reading task: Reflection and evaluation

Text format: Continuous

We can talk about what a letter says (its content). We can talk about the way a letter is written (its style).

Regardless of which letter you agree with, in your opinion, which do you think is the better letter? Explain your answer by referring to the way one or both letters are written.

#### Scoring – Question 4: GRAFFITI

**Correct:** 

Answers which explain opinion with reference to the style or form of one or both letters. They should refer to criteria such as style of writing, structure of argument, cogency of argument, tone, register used, or strategies for persuading readers. Terms like "better arguments" must be substantiated.

**Incorrect:** Answers which judge in terms of <u>agreement or dis-</u> agreement with the writer's position, or simply paraphrase content.

> OR: Answers which show <u>inaccurate comprehension</u> of the material or are implausible or irrelevant.

#### **Overall Percent Correct**

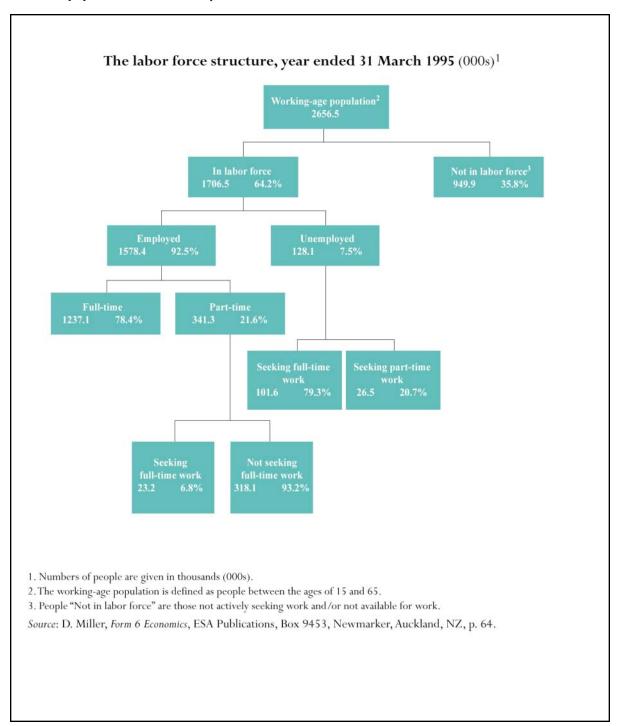
Japan	75	
Liechtenstein	66	0
Austria	64	
Canada	63	
United Kingdom	62	
Czech Republic	61	
Denmark	61	
Germany	60	
Greece	60	
New Zealand	58	
Finland	58	
Spain	57	
Australia	54	0
Italy	53	0
OECD average	53	
Iceland	52	0
Korea, Republic of	52	0
Ireland	51	0
Poland	50	0
lolaliu		
Belgium	49	O
	49 48	0
Belgium		
Belgium Norway	48	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg	48 47	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States	48 47 46	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico	48 47 46 45	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico Brazil	48 47 46 45 44	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico Brazil Switzerland	48 47 46 45 44 44	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico Brazil Switzerland Hungary	48 47 46 45 44 44 43	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico Brazil Switzerland Hungary Russian Federation	48 47 46 45 44 44 43 41	<ul><li>○</li><li>▼</li><li>○</li></ul>
Belgium Norway Luxembourg United States Mexico Brazil Switzerland Hungary Russian Federation Latvia	48 47 46 45 44 44 43 41	<ul><li>○</li><li>▼</li></ul>

Country average vs. OECD average:	
Higher Not different Lower	<b>▲</b> ○ ▼

#### READING UNIT 4

#### Labor

The tree diagram below shows the structure of a country's labor force or "working-age population". The total population of the country in 1995 was about 3.4 million.



Use the above information about a country's labor force to answer the following questions.

This task requires students to understand the relationship of information presented in a tree diagram.

#### Question 1: LABOR

Reading task: Interpreting texts Text format: Non-continuous

# What are the two main groups into which the working-age population is divided?

- A Employed and unemployed.
- B Of working age and not of working age.
- C Full-time workers and part-time workers.
- D In the labor force and not in the labor force.

#### Scoring – Question 1: LABOR

**Correct:** Answer D – in the labor force and not in the labor force.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Hungary	80	
Austria	79	
Poland	79	
Korea, Republic of	79	
Switzerland	77	
Liechtenstein	77	O
Japan	74	
Finland	73	
Belgium	73	
Spain	73	<ul><li>▲</li><li>♦</li><li>○</li><li>▲</li><li>▲</li><li>▲</li></ul>
Italy	70	0
Germany	69	O
Russian Federation	67	O
Canada	67	O
OECD average	66	
Portugal	66	0
United States	65	0
Czech Republic	65	0
United Kingdom	65	0
Australia	65	0
Denmark	64	0
New Zealand	63	0
Latvia	62	0
France	62	0
Ireland	61	0
Iceland	59	0 0 V V
Luxembourg	59	$\blacksquare$
Greece	57	$\blacksquare$
Sweden	56	$\blacksquare$
Norway	55	$\blacksquare$
Brazil	41	$\blacksquare$
Mexico	36	$\blacksquare$

Country average vs. OECD average:	
Higher Not different Lower	<b>▲</b> ○ ▼

This task requires students to locate correct numerical information in a tree diagram and combine it with conditional information given in a footnote.

#### Question 2: LABOR

Reading task: Retrieving information Text format: Non-continuous

How many people of working age were not in the labor force? (Write the number of people, not the percentage.)

#### Scoring - Question 2: LABOR

#### **Fully**

**Correct:** 

Answers which indicate that the number in the tree diagram AND the "000s" in the title/footnote have been integrated: 949,900. Allow approximations between 949,000 and 950,000 in figures or words. Also accept 900,000 or one million (in words or figures) with qualifier.

For example: 949,900; Just under nine hundred and fifty thousand; 950,000; 949.9 thousand; Almost a million; About 900 thousand; 949.9 x 1000; 949(000)

### Partially Correct:

Answers which indicate that the number in the tree diagram has been located, but that the "000s" in the title/footnote have not been correctly integrated. Answers stating 949.9 in words or figures. Allow approximations comparable to those for Fully Correct.

For example: 949.9; 94,900; Almost a thousand; Just under 950; About 900; Just under 1000

**Incorrect:** Other answers. For example: 35.8%; 7.50%.

#### **Overall Percent Correct**

Japan	48	
Belgium	46	
France	46	
Finland	45	
Hungary	41	
Switzerland	39	
Denmark	38	
Canada	38	
New Zealand	38	<b>A A A O O</b>
Australia	36	O
Iceland	34	O
Czech Republic	34	O
Germany	32	O
OECD average	31	
Ireland	30	0
Liechtenstein	30	0
Sweden	29	0
United Kingdom	29	0
Austria	28	0
Greece	26	0
Norway	26	0
Spain	24	$\blacksquare$
United States	24	$\blacksquare$
Latvia	22	$\blacksquare$
Poland	22	$\blacksquare$
Italy	20	$\blacksquare$
Luxembourg	19	0 0 V V V V V
Portugal	18	$\blacksquare$
Korea, Republic of	15	$\blacksquare$
Brazil	10	$\blacksquare$
Russian Federation	9	$\blacksquare$
Mexico	9	•

Country average vs. OECD average:	
Higher Not different	0
Lower	▼

This task requires students to analyze and match several described cases to labor force status categories where some of the relevant information is in footnotes and therefore not prominent.

#### Question 3: LABOR

Reading task: Interpreting texts Text format: Non-continuous

In which part of the tree diagram, if any, would each of the people listed in the table below be included? The first one has been done for you.

	"In labor force; employed"	"In labor force: unemployed"	"Not in labor force"	Not included in any category
A part-time waiter, aged 35	$\bowtie$			
A business woman, aged 43, who works a sixty-hour week				
A full-time student, aged 21			$\boxtimes$	
A man, aged 28, who recently sold his shop and is looking for work		$\boxtimes$		
A woman, aged 55, who has never worked or wanted to work outside the home				
A grandmother, aged 80, who still works a few hours a day at the family's market stall				

#### Scoring – Question 3: LABOR

**Fully** 

**Correct:** 5 answers correct. See marked boxes.

**Partially** 

**Correct:** 3 or 4 answers correct.

**Incorrect:** 2 or fewer answers correct.

#### **Overall Percent Correct**

France	24	<b>A</b>
Sweden	22	
Finland	21	<b>A O</b>
Hungary	19	O
Japan	18	O
Czech Republic	18	O
Austria	18	O
New Zealand	18	O
Australia	17	O
United Kingdom	16	O
Canada	16	O
Norway	16	O
Switzerland	15	O
Belgium	15	O
United States	15	O
Ireland	15	O
irciditu	13	
Denmark	14	0
c.a.ra		
Denmark	14	
Denmark OECD average	14 14	0
Denmark OECD average Poland	14 14 14	0 0
Denmark  OECD average  Poland  Spain	14 14 14 13	0 0
Denmark  OECD average  Poland  Spain  Germany	14 14 14 13 12	0 0
Denmark  OECD average  Poland  Spain  Germany  Korea, Republic of	14 14 14 13 12 10	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland	14 14 14 13 12 10 9	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg	14 14 14 13 12 10 9	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia	14 14 14 13 12 10 9 8	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia Liechtenstein	14 14 14 13 12 10 9 8 8 7	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia Liechtenstein Portugal	14 14 14 13 12 10 9 8 8 7	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia Liechtenstein Portugal Russian Federation	14 14 14 13 12 10 9 8 8 7 7 6	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia Liechtenstein Portugal Russian Federation Greece	14 14 14 13 12 10 9 8 8 7 7 6 4	0 0
Denmark  OECD average  Poland Spain Germany Korea, Republic of Iceland Luxembourg Latvia Liechtenstein Portugal Russian Federation Greece Brazil	14 14 14 13 12 10 9 8 8 7 7 6 4	0

Country average vs. OECD average:	
Higher Not different Lower	<b>▲</b> ○ ▼

This task requires students to draw on knowledge of the form and content of a tree diagram about the labor force to distinguish between variables and structural features.

#### **Question 4: LABOR**

Reading task: Reflection and evaluation

Text format: Non-continuous

Suppose that information about the labor force was presented in a tree diagram like this every year.

Listed below are four features of the tree diagram. Show whether or not you would expect these features to change from year to year, by circling either "Change" or "No change". The first one has been done for you.

Features of Tree Diagram	Answer
The labels in each box (e.g. "In labor force")	Change/No change
The percentages (e.g. "64.2%")	Change/No change
The numbers (e.g. "2656.5")	Change/No change
The footnotes under the tree diagram	Change/No change

#### Scoring – Question 4: LABOR

**Correct:** 3 answers correct. See circled answer.

**Incorrect:** 2 or fewer answers correct.

#### **Overall Percent Correct**

Belgium	83	
Japan	83	<b>A A A A O O</b>
Finland	82	
Italy	81	
Sweden	81	
France	80	
United Kingdom	80	
Switzerland	80	
Canada	77	
New Zealand	77	0
Ireland	77	0
Hungary	77	0
Australia	77	O
Liechtenstein	76	0
Spain	75	O
Poland	74	0
OECD average	73	
Austria	73	0
Greece	72	O
Germany	71	O
Iceland	71	O
United States	70	0
Czech Republic	69	O
Denmark	68	O
Korea, Republic of	68	$\blacksquare$
Latvia	67	O
Russian Federation	67	$\blacksquare$
Norway	65	0 0 V
Luxembourg	64	
Portugal	63	
Mexico	42	$\blacksquare$
Brazil	41	•

Country average vs. OECD average:			
Higher	<b>▲</b>		
Not different	○		
Lower	▼		

This task requires students to evaluate the formal features of a tree diagram in order to recognize the appropriateness of its structure for showing categories within groups.

#### **Question 5: LABOR**

Reading task: Reflection and evaluation Text format: Non-continuous

The information about the labor force structure is presented as a tree diagram, but it could have been presented in a number of other ways, such as a written description, a pie chart, a graph or a table. The tree diagram was probably chosen because it is especially useful for showing

- A changes over time.
- B the size of the country's total population.
- C categories within each group.
- D the size of each group.

#### **Scoring – Question 5: LABOR**

**Correct:** Answer C – categories within each group.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Canada	78	
France	78	
New Zealand	77	
Belgium	76	
United States	76	
Australia	76	<b>A A A</b>
Spain	74	
Ireland	73	0
Hungary	73	
United Kingdom	72	<b>A</b>
Italy	72	O
Liechtenstein	71	O
Austria	71	0
Czech Republic	70	0
Switzerland	69	0
		0
Japan	67	U
Japan OECD average	67	
		0
OECD average	67	
OECD average Poland	<b>67</b> 66	0
OECD average Poland Germany	<b>67</b> 66 65	0
OECD average Poland Germany Finland	67 66 65 65	0
OECD average Poland Germany Finland Norway	67 66 65 65 60	0
OECD average Poland Germany Finland Norway Sweden	67 66 65 65 60 60	0
OECD average Poland Germany Finland Norway Sweden Luxembourg	67 66 65 65 60 60 59	0
OECD average  Poland Germany Finland Norway Sweden Luxembourg Iceland	67 66 65 65 60 60 59 57	0
Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal	67 66 65 65 60 60 59 57	0
OECD average  Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal Denmark	67 66 65 65 60 60 59 57 57 53	0
Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal Denmark Korea, Republic of	67 66 65 65 60 60 59 57 57 53 52	0
Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal Denmark Korea, Republic of Greece	67 66 65 65 60 60 59 57 57 53 52 51	0
Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal Denmark Korea, Republic of Greece Mexico	67 66 65 65 60 60 59 57 57 53 52 51	0
Poland Germany Finland Norway Sweden Luxembourg Iceland Portugal Denmark Korea, Republic of Greece Mexico Russian Federation	67 66 65 65 60 60 59 57 57 53 52 51 51	0

Country average vs. OECD average:				
Higher Not different Lower	<b>▲</b> ○ ▼			

# READING UNIT 5 PLAN International

PLAN International Program R		D. Williams		107.70						
Region of Eastern and Southern Africa RESA										
Growing up healthy	Egypt	Ethiopia	Kenya	Malawi	Sudan	Tanzania	Uganda	Zambia	Zimbabwe	- 1 1 1
Health posts built with 4 rooms or less Health workers trained for 1 day Children given nutrition supplements > 1 week Children given financial help with health/ dental treatment	1 1,053 10,195 984	0 0 0	6 719 2,240 396	0 0 2,400 0	7 425 0 305	1 1,003 0 0	2 20 0 581	0 80	9 1,085 251,402 17	4,38 266,2 2,28
్ల్లీక్తి డిజిల్ Learning										
Teachers trained for 1 week School exercise books bought/donated	0 667	0	367 0	0 41,200	970 0	115 69,106	565 0	0 150	303	2,3 111,1
School textbooks bought/donated Uniforms bought/made/donated Children helped with school fees/a scholarship	0 8,897 12,321	0 0	45,650 5,761 1,598	9,600 0	1,182 2,000 154	8,769 6,040 0	7,285 0 0	150 0 0	58,387 434 2,014	131,0 23,1 16,0
School desks built/bought/donated Permanent classrooms built	3,200 44	0	3,689 50	250 8	1,564 93	1,725 31	1,794 45	0	4,109 82	16,3
Classrooms repaired Adults receiving training in literacy this financial year	0 1,160	0	34 3,000	0 568	0 3,617	14 0	0	0	33 350	8,6
ကြည် Habitat										
Latrines or toilets dug/built	50	0	2,403	0	57	162	23	96	4,311	7,1
Houses connected to a new sewage system	143	0	0	0	0	0	0	0	0	1
Wells dug/improved (or springs capped)	0	0	15	0	7	13	0	0	159	1
New positive boreholes drilled	0	0	8	93	14	0	27	0	220	3
Gravity feed drinking water systems built	0	0	28 392	0	1 2	0	0	0	0 31	4
Drinking water systems repaired/improved Houses improved with PLAN project	265	0	520	0	0	0	1	0	2	7
New houses built for beneficiaries	225	0	596	0	0	2	6	0	313	1,1
Community halls built or improved	2	0	2	0	3	0	3	0	2	-,,
Community leaders trained for 1 day or more	2,214	95	3,522	232	200	3,575	814	20	2,693	13,3
Kilometers of roadway improved	1.2	0	26	0	0	0	0	0	5.34	8
Bridges built	0	0	4	2	11	0	0	0	1	
Families benefited directly from erosion control	0	0	1,092	0	1,500	0	0	0	18,405	20,9
Houses newly served by electrification project										

Source: Adapted from PLAN International Program Output Chart financial year 1996, appendix to Quarterly Report to the International Board first quarter 1997.

The preceding table is part of a report published by PLAN International, an international aid organization. It gives some information about PLAN's work in one of its regions of operation (Eastern and Southern Africa). Refer to the table to answer the following questions.

#### **Question 1: PLAN INTERNATIONAL**

What does the table indicate about the level of PLAN International's activity in Ethiopia in 1996, compared with other countries in the region?

- A The level of activity was comparatively high in Ethiopia.
- B The level of activity was comparatively low in Ethiopia.
- C It was about the same as in other countries in the region.
- D It was comparatively high in the Habitat category, and low in the other categories.

#### Scoring – Question 1: PLAN INTERNATIONAL

**Correct:** Answer B – the level of activity was comparatively low in Ethiopia.

**Incorrect:** Other answers.

Note: This question is for information only and will not contribute independently to the student's score. The answer is taken into account in assessing the answer to Question 2.

This task requires students to hypothesize about an unexpected phenomenon (that an aid agency gives relatively low levels of support to a very poor country) by taking account of outside knowledge along with {all/some} relevant information in a complex text on a relatively unfamiliar topic.

#### **Question 2: PLAN INTERNATIONAL**

Reading task: Reflection and evaluation

Text format: Non-continuous

In 1996 Ethiopia was one of the poorest countries in the world. Taking this fact and the information in the table into account, what do you think might explain the level of PLAN International's activities in Ethiopia compared with its activities in other countries?

#### Scoring - Question 2: PLAN INTERNATIONAL

### Fully Correct:

Student has answered Question 1 correctly (Answer B). Answers which explain the level of PLAN's activity by drawing on ALL the information supplied, with explicit or implicit reference to the type of activity conducted in Ethiopia by PLAN. Answer must also be consistent with (though does not need to refer to) BOTH of the following:

- 1. <u>PLAN's low level of activity in Ethiopia</u> (information supplied in the table); AND
- **2.** Ethiopia's poverty (information given in the stem).

### Partially Correct:

Student has <u>answered Question 1 correctly</u> (Answer B). Answers which explain the level of PLAN's work by <u>drawing on MOST of the information supplied</u>. Answer must be consistent with (though does not need to refer to) BOTH of the following:

- 1. <u>PLAN's low level of activity in Ethiopia</u> (information supplied in the table); AND
- 2. Ethiopia's poverty (information given in the stem).

**Incorrect:** Student has answered <u>Question 1 incorrectly</u> (not Answer B).

OR: Student has <u>answered Question 1 correctly</u> (Answer B) but the answer does not take into account the information supplied about Ethiopia's relative poverty.

OR: Student has <u>answered Question 1 correctly</u> (Answer B) but gives an <u>insufficient or vague</u> or inaccurate answer.

OR: Student has <u>answered Question 1 correctly</u> (Answer B) but gives <u>an implausible or irrelevant answer.</u>

#### **Overall Percent Correct**

Greece	13	<u> </u>
Mexico	11	
Latvia	10	▲ ▲ 0 0 0 0
Korea, Republic of	9	
Brazil	8	0
Japan	7	0
Spain	7	0
Czech Republic	6	O
Switzerland	6	O
Iceland	6	0
Denmark	6	Ο
France	5	О
OECD average	5	
Germany	5	O
Ireland	4	0
Italy	4	O
Belgium	4	Ο
Austria	4	0
New Zealand	4	O
Liechtenstein	3	O
Australia	3	O
Russian Federation	3	O
Canada	3	•
Norway	3	$\blacksquare$
Hungary	2	•
Sweden	2	$\blacksquare$
United Kingdom	2	$\blacksquare$
Finland	2	$\blacksquare$
Portugal	2	0 0 0 
United States	1	•
Luxembourg	1	•

Country average vs. OECD average:			
Higher	<b>▲</b>		
Not different	○		
Lower	▼		

# Reading Unit 6 Police

#### Scientific Police Weapons

A murder has been committed but the suspect denies everything. He claims not to know the victim. He says he never knew him, never went near him, never touched him... The police and the judge are convinced that he is not telling the truth. But how to prove it?

At the crime scene, investigators have gathered every possible shred of evidence imaginable: fibers from fabrics, hairs, finger marks, cigarette ends...The few hairs found on the victim's jacket are red. And they look strangely like the suspect's. If it could be proved that these hairs are indeed his, this would be evidence that he had in fact met the victim.

#### Every individual is unique

Specialists set to work. They examine some cells at the root

of these hairs and some of the suspect's blood cells. In the nucleus of each cell in our bodies there is DNA. What is it? DNA is like a necklace made of two twisted strings of pearls. Imagine that these pearls come in four different colors and that thousands of colored pearls (which make up a gene) are strung in a very specific order. In each individual this order is exactly the same in all the cells in the body: those of the hair roots as well as those of the big toe, those of the liver and those of the stomach or blood. But the order of the pearls varies from one person to another. Given the number of pearls strung in this way, there is very little chance of two people having the same DNA, with the exception of identical twins. Unique to each individual, DNA is thus a sort of genetic identity card.

Geneticists are therefore able to compare the suspect's genetic identity card (determined from his blood) with that of the person with the red hair. If the genetic card is the same, they will know that the suspect did in fact go near the victim he said he'd never met.

#### Just one piece of evidence

More and more often in cases of sexual assault, murder, theft or other crimes, the police are having genetic analyses done. Why? To try to find evidence of contact between two people, two objects or a person and an object. Proving such contact is often very useful to the investigation. But it does not necessarily provide proof of a crime. It is just one piece of evidence amongst many others.

Anne Versailles

### We are made up of billions of cells

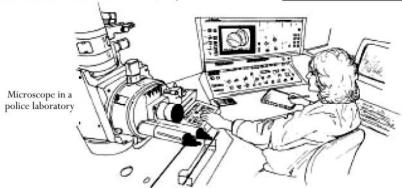
Every living thing is made up of lots of cells. A cell is very small indeed. It can also be said to be microscopic because it can only be seen using a microscope which magnifies it many times. Each cell has an outer membrane and a nucleus in which the DNA is found.

#### Genetic what?

DNA is made up of a number of genes, each consisting of thousands of "pearls". Together these genes form the genetic identity card of a person.

# How is the genetic identity card revealed?

The geneticist takes the few cells from the base of the hairs found on the victim, or from the saliva left on a cigarette end. He puts them into a product which destroys everything around the DNA of the cells. He then does the same thing with some cells from the suspect's blood. The DNA is then specially prepared for analysis. After this, it is placed in a special gel and an electric current is passed through the gel. After a few hours, this produces stripes similar to a bar code (like the ones on things we buy) which are visible under a special lamp. The bar code of the suspect's DNA is then compared with that of the hairs found on the victim.



Source: Le Ligueur, 27 may 1998.

Refer to the magazine article above to answer the following questions.

This task requires students to locate information in a scientific magazine article for young people by making a synonymous match among competing information.

#### **Question 1: POLICE**

Reading task: Retrieving information

Text format: Continuous

To explain the structure of DNA, the author talks about a pearl necklace. How do these pearl necklaces vary from one individual to another?

- A They vary in length.
- B The order of the pearls is different.
- C The number of necklaces is different.
- D The color of the pearls is different.

#### **Scoring – Question 1: POLICE**

**Correct:** Answer B – the order of the pearls is different.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Japan	78	<b>A</b>
Finland	78	
Italy	75	<b>A A A A A O</b>
Sweden	74	
Hungary	73	
Spain	73	
Belgium	72	
France	71	
Germany	69	
Iceland	68	
Korea, Republic of	67	O
Russian Federation	64	O
OECD average	64	
Australia	63	0
Austria	63	O
Norway	62	O
Canada	62	O
Luxembourg	62	0
Czech Republic	61	0
Greece	61	0
New Zealand	60	0
Switzerland	60	0
Latvia	58	O
Poland	58	$\blacksquare$
Denmark	58	$\blacksquare$
United States	57	0 V V 0 V
Portugal	56	$\blacksquare$
Liechtenstein	56	O
United Kingdom	53	$\blacksquare$
Ireland	51	$\blacksquare$
Mexico	40	$\blacksquare$
Brazil	40	•

Country average vs. OECD average:			
Higher Not different Lower	<b>▲</b> ○ ▼		

This task requires students to recognize an appropriate summary of a clearly identified paragraph in a scientific magazine article for young people by integrating information from several sentences. Some competing information is present.

#### **Question 2: POLICE**

Reading task: Interpreting texts Text format: Continuous

#### What is the purpose of the box headed "How is the genetic identity card revealed"?

#### To explain

A what DNA is.

B what a bar code is.

C how cells are analyzed to find the pattern of DNA.

D how it can be proved that a crime has been committed.

#### **Scoring – Question 2: POLICE**

**Correct:** Answer C – how cells are analyzed to find the pattern

of DNA.

**Incorrect:** Other answers.

#### Canada 73 A 71 France Finland 71 A New Zealand 70 70 Japan Australia 70 69 Belgium United States 69 66 Switzerland United Kingdom 65 Ireland 65 0 Sweden 63 Italy 63 63 Germany Czech Republic 62 Iceland 62 Austria 62 61 Norway Luxembourg 58 57 Hungary Korea, Republic of 56 Greece 52 52 Spain 51 Denmark 51 Poland Portugal 48 47 Liechtenstein Mexico 40

**Overall Percent Correct** 

Country avera OECD avera	
Higher Not different Lower	<b>▲</b> ○ ▼

Brazil

Latvia

Russian Federation

40

39

31

This task requires students to identify the writer's general purpose in a scientific magazine article written for young people.

#### **Question 3: POLICE**

Reading task: Interpreting texts Text format: Continuous

#### What is the author's main aim?

A To warn.

B To amuse.

C To inform.

D To convince.

#### **Scoring – Question 3: POLICE**

**Correct:** Answer C - to inform.

**Incorrect:** Other answers.

#### **Overall Percent Correct**

Spain	91	
Italy	90	
Belgium	90	
Austria	89	
France	88	
Hungary	88	
Canada	88	
Sweden	87	
Korea, Republic of	86	<b>A A A A O</b>
Norway	85	O
Switzerland	85	O
Liechtenstein	85	O
Finland	85	O
Germany	85	O
United States	85	O
Czech Republic	85	O
Greece	84	Ο
Denmark	84	O
Portugal	83	O
New Zealand	83	O
OECD average	83	
Iceland	81	0
Luxembourg	81	O
Australia	80	Ο
Mexico	79	Ο
Ireland	78	$\blacksquare$
Latvia	77	$\blacksquare$
Russian Federation	76	<ul><li>○</li><li>▼</li><li>▼</li><li>▼</li><li>▼</li><li>▼</li></ul>
United Kingdom	74	$\blacksquare$
Poland	74	$\blacksquare$
Brazil	71	$\blacksquare$
Japan	51	$\blacksquare$

Country average vs. OECD average:			
Higher Not different Lower	<b>▲</b> ○ ▼		

This task requires students to integrate information from different paragraphs in order to identify the main idea of a scientific magazine article written for young people.

#### **Question 4: POLICE**

Reading task: Interpreting texts Text format: Continuous

The end of the introduction (the first shaded section) says: "But how to prove it?" According to the passage, investigators try to find an answer to this question by

- A interrogating witnesses.
- B carrying out genetic analyses.
- C interrogating the suspect thoroughly.
- D going over all the results of the investigation again.

#### **Scoring – Question 4: POLICE**

**Correct:** Answer B – carrying out genetic analyses.

**Incorrect:** Other answers.

Overall Percent	Corr	ect
France	92	<u> </u>
Spain	91	
Hungary	90	
Belgium	90	
Finland	89	
Sweden	88	
Germany	87	0
Ireland	86	O
Russian Federation	86	O
Canada	85	O
Switzerland	85	O
Norway	85	0
OECD average	84	
Iceland	84	O
Japan	84	0
United Kingdom	83	0
New Zealand	83	0
Korea, Republic of	83	0
Austria	83	0
Australia	83	0
Portugal	83	0
Czech Republic	82	O
Italy	81	O
Latvia	81	O
Poland	81	O
Denmark	80	O
Luxembourg	80	O
United States	79	O
Liechtenstein	75	O
Greece	73	
Brazil	72	•

Country average vs. OECD average:		
Higher Not different	0	
Lower	▼	

Mexico