

Educational Research Centre

St Patrick's College, Dublin 9



National Assessment of Mathematics 2004

4th Class Pupil Questionnaire

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In this questionnaire, there are questions about yourself and the things you do. The questions will be read out loud, while you read them silently. There is only one answer for every question. There are no right or wrong answers. Just pick the answer that suits you best. Please answer all the questions as well as you can. If you need help with any question or answer, please ask.

Mark your answers to these questions by ticking the box next to the answer that suits you best.

1. Are you a girl or a boy?

Girl ₁ Boy ₂

2. What age are you?

I am _____ years old.

3. Were you born in Ireland?

Yes ₁

No ₂

If you were not born in Ireland, how old were you when you came to Ireland?

I was _____ years old when I came to Ireland.

4. a) What languages do you speak at home?

	<i>Yes</i>	<i>No</i>
1) English.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
2) Gaeilge (Irish).....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
3) A different language	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

b) What language do you speak at home MOST OFTEN?

Tick One Box

1) English.....	<input type="checkbox"/> ₁
2) Gaeilge (Irish).....	<input type="checkbox"/> ₂
3) A different language	<input type="checkbox"/> ₃

- | | | | | |
|---|---------------------------------------|---------------------------------------|---|---------------------------------------|
| | <i>Hardly
ever, or
never</i> | <i>Once or
twice a
week</i> | <i>Three or
four times
a week</i> | <i>Every
school
day</i> |
| 5. How often are you given maths homework to do? | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |

6. Which of these do you have in your HOME?

- | | | |
|--|---------------------------------------|---------------------------------------|
| | <i>Yes</i> | <i>No</i> |
| a) Computer or PC | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| b) Games Console (e.g., Playstation, Nintendo) ... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| c) TV | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| d) Video recorder/DVD player..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |

7. Which of these do you have in your BEDROOM?

- | | | |
|--|---------------------------------------|---------------------------------------|
| | <i>Yes</i> | <i>No</i> |
| a) Computer or PC | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| b) Games Console (e.g., Playstation, Nintendo) ... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| c) TV | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| d) Video recorder/DVD player..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |

8. On a normal school day, how much time BEFORE AND/OR AFTER SCHOOL do you spend doing each of these things?	<i>No time</i>	<i>Less than one hour</i>	<i>1-2 hours</i>	<i>More than 3 hours</i>
a) Watching television, videos or DVDs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Playing electronic/computer games	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Doing jobs at home	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Studying maths or doing maths homework after school ..	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Studying or doing homework in other subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Playing sports.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Reading a book or magazine for enjoyment	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) Attending extra classes (e.g., music, dance, art, language)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

9. Outside of school, do you ever...	<i>Yes</i>	<i>No</i>
a) ...have extra lessons in maths before or after school?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
b) ...go to a club where you do maths (e.g., homework club)?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

10. When you are doing maths homework, how often do you do the following?

	<i>Almost always</i>	<i>Some- times</i>	<i>Hardly ever</i>	<i>Never</i>
a) Ask someone for help to do sums	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Ask someone to check your answers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Use a calculator	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Use a computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Use things at home to help solve problems (e.g., weighing scales, measuring tape)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

11. When you can't do a sum at school, how often do you do these things?

	<i>Almost always</i>	<i>Some- times</i>	<i>Hardly ever</i>	<i>Never</i>
a) I leave it and go on to the next sum	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) I ask the teacher for help	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I ask a friend for help	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) I re-read the sum and try to do it myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) I guess the answer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

12. How often do you learn tables as part of your maths homework?

	<i>Almost always</i>	<i>Some- times</i>	<i>Hardly ever</i>	<i>Never</i>
	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

13. How often does each of these things happen in your maths lessons at school?

	<i>Almost always</i>	<i>Some- times</i>	<i>Hardly ever</i>	<i>Never</i>
a) The teacher checks my homework.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) We check each other's homework.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I use a calculator	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) I use a computer for maths.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) I estimate (guess) the answer to a sum before doing it	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) I work in a pair or a small group	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) I use maths equipment (e.g., weighing scales, measuring tape) to solve problems	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) I do a maths test	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i) We talk about a maths problem before doing it on our own	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
j) I explain to the teacher how I got the answer to a question.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
k) I begin my homework in class .	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
l) I do a sum on the blackboard in front of the class.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

14. How much do you agree with each of these?

Strongly agree

Agree

Disagree

Strongly disagree

- | | | | | |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a) I look forward to my maths lesson..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| b) Learning maths will help me get a good job..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| c) I am interested in the things I learn in maths | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| d) I am just not good at maths | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| e) I get good marks in maths | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| f) I get very nervous doing maths problems..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| g) I learn maths quickly..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| h) In my maths class, I understand most things | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |
| i) In maths, I enjoy working with other pupils in groups..... | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ |

14. Continued

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
j) I make a real effort in maths because I want to do well.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
k) The teacher helps me when I have a difficulty in maths.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
l) My parent(s)/guardian(s) think it is important for me to do well in maths	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
m) All my friends are good at maths	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
n) My teacher thinks I am good at maths	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
o) To do well in maths you need good luck.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
p) I like doing problems in maths ...	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
q) In maths class, I work best when working on my own.....	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
r) I learn more in maths class than most other pupils in the class	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Thank you for answering all these questions.