

Appendix A *Plane Math* questionnaire

Questionnaire for the investigation of an educational Mathematics web site - <http://www.planemath.com>

The purpose of this questionnaire is to test the overall effectiveness of *Plane Math* (an educational Web site for learners in grades 4-7) and to determine the degree to which it helped you learn. You will exploring the site for one hour, and will then fill in the questionnaire.

Your answers will really help to add important information to this field. We really appreciate your answers and any other information you might like to give.

Please write your details in on the lines and place a cross ("X") on the option that describes you.

Section A: General information

1. Gender:

Boy	<input type="checkbox"/>	Girl	<input type="checkbox"/>
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2. What would you like to be when you grow up? _____

3. Home language:

English	<input type="checkbox"/>
Afrikaans	<input type="checkbox"/>
Sotho	<input type="checkbox"/>
Other	<input type="checkbox"/>

3.1. If "other", please specify: _____

4. I use the computer at:

School	
Home	
My friends	
Other	

4.1 If "other" please specify: _____

4.2 I use the computer for: _____

5. I use the Internet:

A lot	
Now and again	
Not a lot	
Never	

Here is the key you will use. This is what the different faces mean:

- ☺ **I really agree**
- 😊 **I agree**
- 😐 **I do not agree**
- ☹ **I definitely do not agree**

Choose the face that you think matches the sentences below, and draw a cross ("X") in ONE of the four empty boxes provided for each question.

Section B: Pedagogical aspects

		The face I choose is:	☺	☹	☹	☹
Children's response to their own learning						
1.	I learnt a lot about mathematics.					
2.	I am more confident in mathematics now.					
3.	The site made me do a lot of thinking.					
4.	I could use my own ideas.					
5.	The site uses things I already now.					
Curriculum adequacy						
6.	The lessons can help me with my school work.					

Section C: Affective / emotional aspects

	The face I choose is:	☺	☹	☹	☹
Motivational effectiveness					
7.	<i>Plane Math</i> was fun and exciting!				
8.	I enjoyed spending time in this web site.				
9.	This was a nice way to learn.				
10.	I plan to use <i>Plane Math's</i> web site after the class is over.				
11.	Using the <i>Plane Math</i> site helped me get better in using computers.				
12.	I don't know the American words (e.g. math and gas).				

Section D: Communicative aspects

	The face I choose is:	☺	☹	☹	☹
Instructional adequacy					
13.	This web site clearly explains what I must do.				
14.	I can decide what to do, e.g. repeat work or to skip some stages.				
15.	It tells me what I do right or wrong.				
16.	I could find the information on the screen quickly and easily.				
17.	The web site kept my attention from beginning to end.				
18.	It helped that all the pages looked alike.				

	The face I choose is:	☺	☹	☹	☹
Cosmetic adequacy					
19.	I want to explore all there is to see.				
20.	The pictures helped me understand the lesson.				
21.	The screens contained just the right amount of information.				
22.	It is easier to read from a computer screen, than from a book.				

Section E: General

23. What do you know now that you did not know before?

24. What did you like about this web site?

25. What did you not like about this web site?

26. How can it be made better?

27. Would you tell your friends about this site? If so, what would you tell them?

28. Would you like to say anything else?

Thank-you for your participation.