

SkyMath Teacher Researcher Questionnaire

For each of the following items:

- **Put an X in the box of *e a c h* response that applies to you.**
- **Where appropriate, fill in the blanks to complete a response.**
- **Clarify or expand your responses by writing comments in the spaces provided.**

1. How did you learn about SkyMath?

- From a teacher who was using the materials
- At a workshop/presentation of _____ (Name of Organization)
- From the SkyMath web site on the World Wide Web
- Other _____ (please explain)

COMMENT:

2. What made you decide to try SkyMath?

- The recommendations of my colleagues
- My own hands-on experience with the materials
- What I saw on the SkyMath web site
- My interest in integrating mathematics and science
- Encouragement or recommendation of school or district administrator
- Other _____ (please explain)

COMMENT:

3. What are your opinions about the mathematical content of the module?

- All or most of the topics were among the topics I usually teach at this level.
- Generally speaking, it simply presented a different way of teaching topics I normally cover.
- There was not enough mathematical content to justify the module.
- I had to "adjust" (expand, simplify, etc.) some topics.
- The module displaced too many topics that I should have taught.
- The module included topics that I normally don't teach at this level, but they worked out okay.
(WHAT TOPICS?) _____
- Some topics were too difficult for my students. (WHAT TOPICS?) _____

COMMENT:

→ → → → → → **OVER FOR MORE ITEMS** → → → → → →

4. How much time is needed to complete the entire module?

- 6 weeks or less 7 weeks 8 weeks More than 8 weeks

My class period is _____ minutes long and meets _____ per week.

COMMENT

5. What kinds of support are needed in order to make effective use of the module?

- Access (in the school or through e-mail) to a mathematical educator familiar with the module
- Access (in the school or through e-mail) to a science educator familiar with the module
- Access to someone who knows about spreadsheets, e-mail, and use of the World Wide Web
- Longer class periods for mathematics on some days
- A ratio of one computer for every _____ (HOW MANY?) students in the class
- Internet connections for all computers used by the class
- World Wide Web connections for all computers used by the students

COMMENT:

7. What use did you make of the SkyMath homepage on the World Wide Web?

- I never visited the SkyMath homepage.
- I visited the SkyMath homepage, but I did not find useful information there.
- I used the SkyMath homepage to locate other web sites.
- I used information from the SkyMath homepage (e.g., the information about temperature and devices for measuring it) in my class.
- I downloaded materials from the SkyMath homepage for use in class.
- My students visited the SkyMath homepage to get information.

COMMENT:

8. What part of the module presented the greatest problems for you ... and why?

COMMENT:

9. What are the major benefits to students from using this module?

- Students enjoyed the activities and were not “stressed” while learning the mathematics.
- Students were more willing to work with numbers because they saw the reason for it.
- Students were able to grasp the concepts of mean, median and mode.
- Students talked and wrote about what they had learned.

COMMENTS

10. What are your plans regarding future use of the Skymath module?

- I have decided to make no further use of the module.
- I will use selected lessons from the module.
- Another teacher and I will collaborate on the use of the module.
- I will assist other teachers in the school who are interested in using the module.
- I will make a presentation at a professional meeting about the module.
- I will write an article about the module.

COMMENTS

11. What aspects of the SkyMath module do you think work to convince more traditional math teachers to try the module?

12. What ideas do you have to get parents actively involved in the teaching and learning activities of Skymath? What is realistic given your school population?

COMMENT:

Name_____

School_____

Address_____

Please mail answers to

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