

**Mathematics and Science Partnerships
2004-05
EARTH SCIENCE NEEDS ASSESSMENT**

This form must be submitted for each partnering school division. Those submitting a mathematics proposal need only to submit the mathematics page, and those submitting an Earth Science proposal need only to submit the Earth Science page.

Division name: _____

Person reporting the following information: _____

Students:

Earth Science – End of Course SOL Passing Rate		
Category	2003	2004 *
All Students		
Black		
Hispanic		
White		
Disabled		
Disadvantaged		
Limited English Proficient		

Schools:

Total number of schools that teach Earth Science in division _____
 Total number of schools in division with a score below 70 on the Earth Science SOL Test _____
 Percentage of schools in division with a score below 70 on the Earth Science SOL Test _____

Teachers:

Total number of Earth Science teachers in the division _____
 Total number of Earth Science teachers not fully endorsed _____
 Percentage of Earth Science teachers not fully endorsed _____
 Number of teachers from the division anticipated to participate in program _____

Other (Needs Related to This Grant Proposal)

Estimated number of novice fully endorsed Earth Science Teachers employed annually _____
 Estimated number of novice not fully endorsed Earth Science Teachers employed annually _____
 Estimated number of fully endorsed Earth Science Teachers with add-on Earth Science Endorsement (18 hours minimum) _____

Which of the following types of support is your division able to provide teachers participating in the grant?

- _____ Tuition (\$200 to \$250 per course depending on credits).
- _____ Does your division, provide a specific amount annually? If so, how much? _____
- _____ Stipends for teachers participating in courses (as incentives)
- _____ Release days on Friday for follow-up sessions (instead of Saturday). If so, how many? _____
- _____ Travel funds for attending follow-up sessions
- _____ Other

What is the greatest need(s) of the Earth Science Teachers in your divisions?

* If the final data are not available, use preliminary data provided to the divisions. The Virginia Department of Education is aware that there may be minor changes in scores once the final data report is completed.