

**Questions about Technology and Education  
Summer Program for High School Students, July 1999  
Columbia University -- Roger B. Blumberg**

As part of my work at Brown University I speak with teachers, principals, superintendents, and even state education officials, about the use of technology in schools. Beginning in 1997, I surveyed students in the Foundations of Mathematics course concerning their own use of educational technologies, particularly networked computers, and found their responses to be extremely helpful and insightful. This survey includes a short set of questions for your parents as well (page 3), and I ask that you please take the time to fill out this questionnaire over the weekend and return it by next Tuesday (i.e. by the 13th). If you need more space for any of your answers, don't hesitate to write on the back or on a separate sheet of paper. I very much appreciate your help and look forward to your answers.

Where do you go to school? \_\_\_\_\_

Name (optional): \_\_\_\_\_ Grade (1999-2000): \_\_\_\_\_

Have you ever used a computer in a high school class for purposes other than word processing? \_\_\_\_\_  
If "Yes," in what classes have you used the computer?

What is the most educationally useful classroom application of a computer you have ever experienced in school? What made it so useful?

What is the most educationally useful non-classroom application of a computer you have experienced in school (i.e. in school libraries, labs, etc.)? What made it so useful?

What is the least useful or worthwhile classroom application of a computer you have experienced in school? Why wasn't it useful or worthwhile?

Have you ever used a school computer that was connected to the Internet? \_\_\_\_\_  
If "Yes," please describe the classroom (or non-classroom) situation(s) in which you used it.

Do you have access to a computer at home?

If "Yes," is the computer yours or is it someone else's or is it shared by everyone?

If you have access to a computer at home, do you use it to connect to the Internet? \_\_\_\_\_  
If "Yes," briefly describe how you use the Internet (e.g. e-mail, World Wide Web) and what you usually use it for (e.g. news, communication with friends, school stuff, entertainment, etc.)

Whether or not you have a computer at home, do you ever go to public libraries or community centers, and do you ever use computers there? If "Yes," briefly describe what you use them to do.

As you know, the materials for "Foundations of Mathematics" will be available on the Web, and this site will be accessible to you throughout the coming year(s). During the past year, have you been involved in any other activities (e.g. classes, clubs, community events, family activities, etc.) that have used the Web to share information? \_\_\_\_\_ If "Yes," please describe them.

### Questions for Parents about Technology and Education

The purpose of this questionnaire is to provide me with information about how students use technology in school and at home, and the applications of technology they have found most useful. I use this information to improve my summer course, as well as the electronic resources that accompany it (e.g. the Foundations of Mathematics course web site), and also to inform my work with school teachers and administrators throughout the Northeastern U.S. In this section, I ask you to answer a few questions about your own use of, and views about, networked technologies and education. Please use the back of this page, or a separate sheet of paper, if you need more space for your answers. I've asked that the questionnaire be returned to me by July 13th.

While I may summarize the results of this questionnaire in a publicly-available report, please know that individual questionnaires and all names will be kept strictly confidential. If you have questions or concerns about the questionnaire, please don't hesitate to let me know; I can be reached by e-mail at Roger\_Blumberg@brown.edu, or by telephone at (401) 863-7619. Thank you very much for your time and consideration.

What is your relation to the student who gave your this questionnaire? \_\_\_\_\_

What is your occupation?

Do you use computers as part of your daily work? \_\_\_\_\_

Do you use computers connected to the Internet as part of your daily work? \_\_\_\_\_

If "Yes" to either of the above, briefly describe how you use these computing resources.

Do you have access to a computer at home?

If "Yes," is the computer yours or is it someone else's or is it shared by everyone?

If you have access to a computer at home, do you use it to connect to the Internet? \_\_\_\_\_

If "Yes," briefly describe how you use the Internet (e.g. e-mail, World Wide Web) and what you usually use it for (e.g. news, communication with friends, education, entertainment, etc.)

Are you pleased with the degree to which computers are currently integrated into your child's education, either in school or at home? \_\_\_\_\_ Please explain.