

The Pitsco VOL. 6, NO. 4 FEBRUARY-MARCH 2005

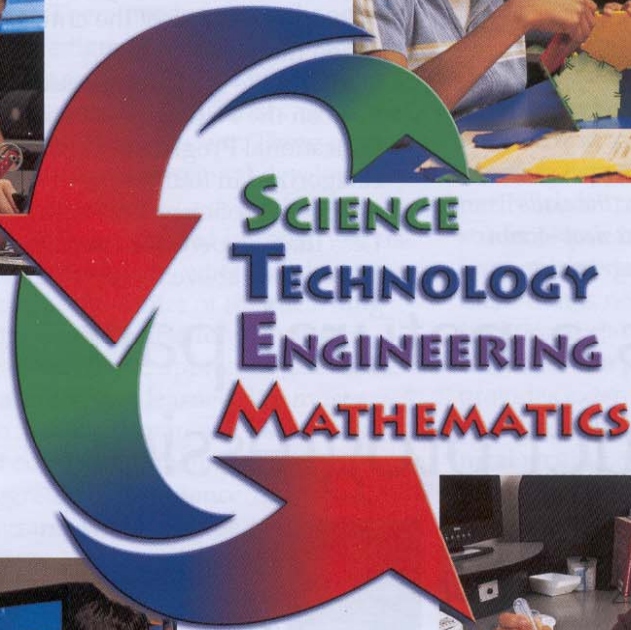
NETWORK

SERVING TEACHERS OF PITSCO'S SYSTEMIC SOLUTIONS

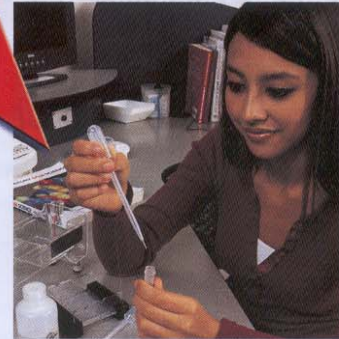
SYNERGISTIC SYSTEMS



SPECTRUM SYSTEM



PATHWAYS SUITES



CAREERPORTS

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Customer Service

888-728-4548 dlassiter@pitsco.com

CareerPorts require several third-party programs

One of the great things about CareerPorts is the flexibility to access the curriculum from any computer that has Internet access.

However, a few pieces of software must be installed on every computer where CareerPorts are used.

So, if you get new computers or if you need to reinstall software on a CareerPorts computer, then be sure to install at least the following three pieces of software:

- **Adobe Reader 6.0+** – This can be downloaded free from www.adobe.com/products/acrobat/readstep2.html
- **QuickTime Player 6.0+** – This can be downloaded free from www.apple.com/quicktime/products/qt
- An **office suite** that includes word processing, spreadsheet, and presentation applications. The applications must be able to open the standard file formats .doc, .xls, and .ppt. *Microsoft Office* is highly recommended.

If you have any questions concerning reloading software on a computer, please contact me and I will assist you through the process.

CareerPorts Customer Service Representative Darris Lassiter, dlassiter@pitsco.com

Real skills for real work

Need for knowledge isn't obvious until work begins

Stop for a moment and think about the variety of skills and knowledge average professionals use in a day. They rely on technology skills to utilize business software or manipulate specialized equipment. They call upon language arts skills to conduct research or draft a memo or report. They use mathematics skills to create budgets or analyze data. They may require science and engineering knowledge to conduct lab tests or build prototypes.

CareerPorts



When you consider the demands of industry, it is clear that students must have a solid foundation in multiple subject areas to succeed. There is virtually no career that requires knowledge of only one subject.

With this in mind, every CareerPort is designed to expose students to a variety of subject areas and to demonstrate the application of these subjects in a professional setting. Depending on the career focus of the CareerPort, students are required to combine skills and knowledge from technology, language arts, mathematics, science, and engineering to successfully complete their assignments.

For example, in the *Engineering Physics* CareerPort, students work in

the research and design department of a science education supply company. The assignment "Acids and Bases" challenges students to create a kit and activity book for teachers that cover concepts related to acids and bases.

The following summary explains how students are required to use skills and knowledge from multiple subject areas to complete this assignment.

- **Science and Engineering** – Students must identify the acids and bases to include in the kit and design and conduct three experiments to meet the assignment's specifications.
- **Mathematics** – Students must analyze data collected from all experiments to verify the results.
- **Language Arts** – Students must research acids and bases and write a teacher's guide and activity book, which include the step-by-step instructions for each experiment.
- **Technology** – Students must use word-processing and spreadsheet applications to lay out and create the teacher's guide and activity book.

Engineering Physics is a good example of how CareerPorts integrate multiple subject areas to expose students to the complexities of today's business world.

Curriculum Specialist Gina Sanmiguel, gsanmiguel@pitsco.com

Discover STEM in new catalog

Discovery. That's what the Pitsco 2005 *Big Book of Ideas & Solutions* is all about – helping teachers discover how to reach all their students through hands-on activities, inspiring books and videos, innovative software, and many other creative products. The end result is students discovering their full potential. The *Big Book* jump-starts this process of discovery as never before.

Throughout the 384-page catalog, a special logo spotlights activities that



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