



SAS[®] CURRICULUM PATHWAYS[®]

Improve and expand educational opportunity through THE POWER TO KNOW[®]

Your Resource Partner

At SAS, our goal is to enhance student achievement and teacher effectiveness. To that end, we've developed SAS Curriculum Pathways — a carefully integrated, easily adaptable online learning resource that's grounded in the principles of cognitive science. The product is the result of more than a decade of unprecedented collaboration between teachers and technology experts who serve as your resource partner, providing tools and support that help:

- Teach a standards-based curriculum.
- Prepare students for college-level learning.
- Instill 21st-century skills.
- Meet achievement and accountability criteria.

Key Features

Built in accordance with the way students learn, this online product provides a wealth of resources in English, science, math, social studies and Spanish (grades 8-12). Key features include:

- Innovative integration of technology and curriculum.
- Research-validated instructional techniques and acknowledged best practices.
- Learner-centered tools, activities and lessons with measurable outcomes.
- Interactive materials that target higher-order thinking skills.
- Organization by subject and topic — all mapped to state and national standards.

Tradition and Innovation

The approach that SAS Curriculum Pathways takes is innovative, but the goals of the product are traditional — clarifying core content in the core disciplines. The objective is to complement, not replace, conventional methods. Curriculum Pathways accomplishes that by:

- Improving access to a repository of conventional materials such as lessons, classroom activities and projects.

- Finding the best information available on the Web and linking it to specific learning objectives so teachers and students can instantly access relevant and reliable resources that respond to a variety of learning styles.
- Developing unique InterActivities that focus on topics where doing, seeing and listening provide information and encourage insights in ways conventional teaching methods cannot.
- Applying principles of cognitive science, which have been shown to significantly increase comprehension.

Differentiation

SAS Curriculum Pathways adapts to a wide range of ability levels and learning styles. Its resources are student-centered; interactive components enhance student involvement so students take ownership of their own learning process. SAS Curriculum Pathways also has many instructional uses, including introduction, review, guided practice, extension and enrichment.

InterActivities

Developing first-rate educational technologies is time-consuming, expensive and labor-intensive. As numerous industry analysts have pointed out, high-quality online courseware takes 10 to 20 times longer to develop than do traditional materials. As your resource partner, SAS Curriculum Pathways is updated continuously so the newest and best resources

are always available. SAS Curriculum Pathways InterActivities give teachers the time they need to teach and give students the opportunities they need to learn.

Science – Virtual labs clarify concepts in novel ways. Dangerous, difficult, expensive or time-consuming experiments are no longer off-limits. For many abstract concepts, SAS Curriculum Pathways software has virtual labs that provide a practical means of instruction.

Math – Students visualize key concepts while practicing fundamental skills. Interactive features, animations and immediate feedback can mean the difference between comprehension and despair.

Social studies – A unique case study approach encourages critical thinking about complex issues. Audio and video stimulate interest and encourage rigorous scholarship, and an interactive tool helps students analyze documents.

English – Audio and visual materials enhance reading comprehension, while detailed questions help students think critically about what they read. Our award-winning Writing Reviser helps students organize, develop and revise their work.

Spanish – Students enhance reading, listening and writing skills by immersing themselves in practical situations. Assessment materials let students monitor their progress.

Success Stories

“I didn’t understand mitosis when it was introduced in class. But when we went in the lab and worked with Cell Division [in SAS Curriculum Pathways] I did. I also used [the product] to review for the test. I didn’t have to ask the teacher to go over it again. I could go back on my own.”

– *Science student*

“I was thrilled to see how enthusiastic kids were about exploring mathematics. They were learning without even knowing they were learning. I felt as if I had a secret weapon — something that let me really connect with them.”

– *David Lieberman, math teacher
Kutztown, PA*

“SAS is developing the kind of resources I’d develop if I had more time, more funding and unlimited access to current technologies.”

– *Karen Burden, English teacher
Raleigh, NC*

“We looked at a lot of software. We felt that [SAS] Curriculum Pathways had the best curriculum products to help us achieve our goal of becoming a standards-driven school.”

– *Jean Wahl, assistant principal
Pittsburgh, PA*

“[SAS] Curriculum Pathways is easy to implement into current teaching strategies and simple for teachers to use. The content focuses on concepts and critical-thinking activities that come alive through the use of technology. Best of all, the resources are mapped to New York State Standards.”

– *Henrietta Coursey, principal
Brooklyn, NY*



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