SAS® Curriculum Pathways®

Training of Trainers Workshop

Wednesday, October 17th , 8:30am – 3:00pm
Or Thursday, October 18th, 8:30am – 3:00pm

Who Should Attend? **A district leader (administrator or teacher) with a strong interest in curriculum, a comfort level with technology and the time and interest to introduce SAS Curriculum Pathways to other teachers in grades 6-12 core subjects. Often, this is a school level administrator, department leader or technology leader.**

Cost: **The workshop fee is $30 per person.**

Online Registration: **www.casciac.org/register**

SAS, the business analytics software company, has invested in a resource for education. SAS has made this resource available to educators without cost. SAS Curriculum Pathways is the name of the collection of resources.

SAS Curriculum Pathways delivers online curriculum resources with a proven impact on increasing student learning and teacher effectiveness – at no cost to US middle and high schools. SAS Curriculum Pathways is designed to enhance student achievement and teacher effectiveness by providing Web-based curriculum resources in all the core disciplines, to educators and students in grades 6-12.

SAS Curriculum Pathways is a large collection of units in hard to teach topics. There are over 1100 units in English Language Arts (264), Mathematics, (249) Science (210), Social Studies (260), and Spanish, (127).

SAS Curriculum Pathways focuses on material difficult to convey through conventional methods – topics where doing, seeing and listening provide information and encourage insights in ways that textbooks cannot:

- **English Language Arts:** The audio and video materials enhance reading comprehension and writing proficiency – in everything from essay organization to sentence structure and punctuation. The award-winning Writing Reviser helps students ask the kind of questions experienced writers ask automatically. In the process, students develop the judgment that is essential to effective writing.

- **Mathematics:** Interactive features, animations and immediate feedback can mean the difference between comprehension and despair. Students visualize key concepts while practicing fundamental skills. The transition modules provide lessons designed to prepare students for Algebra I (as defined by the Common Core State Standards).

- **Science:** Virtual labs clarify abstract concepts in novel ways that provide a practical means of instruction. Dangerous, difficult, expensive or time-consuming experiments are no longer off-limits.

- **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.

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

Benefits

- **Targets higher-order thinking skills.** SAS Curriculum Pathways offers tools, simulations, models and examples for student manipulation and interaction. Students can manipulate information, variables and graphs as they explore, experiment and learn. The environment encourages active and collaborative learning that challenges students to become critical thinkers and to make connections among ideas.

- **Integrates content and technology into the classroom at no cost to educators.** SAS Curriculum Pathways provides Web-based learning environments by using proven instructional strategies and techniques, such as integrating primary-source materials and providing a broad (holistic) context for specific learning concepts and skills. Students learn by using various resources, such as visual models, images, virtual labs, diagrams, graphic organizers, audio recordings of literary excerpts, poetry, dialogues, historical documents, and narrated and captioned videos.

- **Employs a learner-centered approach.** Using the structured and guided processes of SAS Curriculum Pathways, students of varying abilities can better understand concepts and develop skills. Students become motivated as they use hyperlinked explanations, animations, glossaries and rollover definitions to better understand ideas, and apply and evaluate what they learn.

- **Integrates various instructional strategies.** SAS Curriculum Pathways provides simulations and learning activities that incorporate real data so that students can experience and understand real-world applications. The product lets students test a hypothesis and validate conclusions, construct their understanding using interactive websites, apply learning in other contexts and bring external learning into the classroom.

- **Incorporates formative as well as summative assessments.** All lessons have measurable outcomes requiring students to apply, evaluate or synthesize information. Interactive Tools provide several means of final assessment; formative assessment is built into the learning process, or the teacher can tailor outcomes to meet student needs. Online activities and resources can be accessed repeatedly in preparation for summative assessments, such as end-of-course tests.

- **Provides eco-friendly delivery and content.** Minimize the impact on the environment by accessing the product and support electronically, without any CDs, DVDs, paper or packaging. Science students can learn about environmental impacts and the diversity of life with Interactive Tools on stream ecology and modern taxonomy. Virtual labs enable students to perform and repeat experiments that would otherwise be too dangerous, toxic, expensive or time consuming.

** Technical requirements to use these resources are listed at the end of this document.**

You can learn more about SAS Curriculum Pathways at www.sascurriculumpathways.com

Workshop Details
Because of the high quality of the curriculum units, the lack of corporate marketing and the no cost availability, CAS, CT ASCD and CAPSS are collaborating to make a training of trainers workshop available in Connecticut.

- Each school district can send one representative to the workshop. Workshops have an enrollment limit of 25 participants. By participating in The Training of Trainers Workshop, the participant can train other staff in their district.
- Workshops will be offered Wednesday, October 17th, 8:30am–3:00pm or Thursday, October 18th, 8:30am–3:00pm.
- Both workshops will be held at CAS, 30 Realty Drive, Cheshire, 06410.
- Breakfast and lunch will be provided.
- Participants are expected to bring a laptop with them to the workshop that meets system requirements.
- If enrollment exceeds available space, another workshop will be scheduled, later in the fall.

System Requirements
Those using unsupported browsers can still access the product. However, a warning will remind them of potential difficulties with some of the newer resources.

	Windows XP	Windows Vista	Windows 7	Mac OS X 10.6+
Browser Options	Firefox 10+ Chrome 18+	Internet Exporer 9+ Firefox 10+ Chrome 18+	Internet Exporer 9+ Firefox 10+ Chrome 18+	Safari 5+ Firefox 10+ Chrome 18+
Browser Plug-ins	Java 6, update 31+ Java 3D 1.3.1 Flash 11.1+ Adobe Reader 8+			
Other Settings	Pop-up Blocker(s): Allow for www.sascurriculumpathways.com JavaScript: Always enable Cookies: Always accept			