



Build Science Content Knowledge and Instructional Expertise

Ignite Students' Love of Science

Improving science curriculum and instruction are new priorities for many K-12 educators. That's precisely why PBS TeacherLine has made a commitment to providing quality professional development opportunities in a variety of science topics. Our lineup features a special collection of courses from Teachers' Domain, produced by WGBH Boston, to help you and your colleagues teach life, physical, and earth and space science.

PBS TeacherLine offers 100+ graduate-level online courses for PreK-12 educators. Our courses will help you spark your students' passion for scientific inquiry and will introduce you to resources and strategies that will generate energy in your science classroom.

All PBS TeacherLine courses tap media-rich resources and incorporate practical real-world applications, with a focus on effective ways to integrate technology into science lessons. And many of our science courses use critically acclaimed resources from award-winning PBS science programs.

Courses Designed with You and Your Students in Mind

All course content corresponds to the National Science Education Standards and the McREL Compendium of K-12 Standards. Our courses provide the research- and standards-based professional development opportunities that teachers need—all in an accessible, online format that makes learning fun and effective.

Even in schools with limited resources, teachers can enrich lesson plans and increase students' enthusiasm about learning through innovative online activities. With PBS TeacherLine science courses, you can:

- Foster students' collaborative learning, inquiry, and critical-thinking skills.
- Develop students' research, analysis, and communication skills.
- Improve their ability to organize and evaluate information.
- Use inquiry and current technology to support learning in the field.

Enroll TODAY! Browse our online catalog at www.pbs.org/teacherline. For additional information, call 800-572-6386.

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Be more effective



Relevant, Accessible, and Affordable

PBS TeacherLine offers research- and standards-based, affordable professional development opportunities in an easy-access online environment.

- **24/7 FLEXIBILITY:** Our courses are delivered via the Internet so they're available whenever and wherever it's convenient.
- **PROFESSIONAL RECOGNITION:** You can earn graduate credit, and Professional Development Points (PDPs) or Continuing Education Units (CEUs).
- **COLLABORATIVE/INTERACTIVE LEARNING:** Our courses provide a quality learning experience. Trained facilitators guide discussions and provide valuable feedback. The courses' interactive formats give you the opportunity to take part in a professional learning community, sharing strategies and insights with colleagues locally and across the nation.
- **SIGNIFICANT SAVINGS:** Thanks to a grant from the U.S. Department of Education, all PBS TeacherLine courses are affordable. Additional funding may be available from your school or district (**details at www.pbs.org/teacherline**).

Our Science Lineup Brings You a Special Collection of Content-Rich Courses from WGBH/Teachers' Domain

PBS TEACHERLINE'S SPECIAL COLLECTION OF WGBH/TEACHERS' DOMAIN COURSES: Produced by WGBH Boston—covers topics from *Plants and Animals* to *Weather and Climate*, *Heredity and Adaptation* to *Understanding Motion and Force*, *Understanding Heat Transfer*, and much more.

ELEMENTARY AND MIDDLE SCHOOL COURSES FOCUS ON THREE ELEMENTS: Content knowledge, inquiry methodology, and technology application. High school courses assume a basic knowledge of subject matter, and emphasize inquiry methodology and the use of technology in lessons.



Achieve Results with Enhanced Science Instruction

Expand Your Teachers' Science Content Knowledge & Instructional Expertise to Meet Mandated Science Milestones

NCLB mandates that states measure students' progress in science at least once in each of three grade spans: 3-5, 6-9, and 10-12.

Are your teachers prepared to meet this challenge?

Teachers can enliven their science lessons and engage students in scientific inquiry and discovery, improving critical thinking and achievement. Now more than ever, your partnership with PBS TeacherLine can give teachers innovative strategies to improve science teaching.

PBS TeacherLine is the premier professional development resource offering online courses for PreK-12 teachers. Trained, certified facilitators lead more than 100 top quality six- and ten-week courses that address your needs across the curriculum.

With PBS TeacherLine as your ally, you can provide your teachers with exceptional courses while meeting your district's strategic objectives in science instruction.

Courses Designed for Your District, Teachers, and Students

All course content corresponds to the National Science Education Standards and the McREL Compendium of K-12 Standards, and addresses local and national standards, including NETS•T, and NCLB requirements.

PBS TeacherLine offers exciting new ways to integrate technology into daily instruction, and spark students' passion for scientific inquiry.

- Stimulating hands-on activities help teachers capture students' attention, increase their enthusiasm for learning science, and achieve positive outcomes.
- Teachers in small or rural districts, and those with limited resources, can maintain their highly qualified status in science.
- Resource-challenged districts gain access to current science research and materials.

To learn more about PBS TeacherLine courses, schedules, and registration, please visit www.pbs.org/teacherline or call us at **800-572-6386**.

Professional Development Resources that Support District Goals

PBS TeacherLine provides PreK-12 teachers with high-quality research- and standards-based professional development opportunities, in an accessible and affordable online environment.

- **SAVE TIME & MONEY:** Content is available from a single, trusted source. The online format accommodates both individuals and groups in multiple locations, eliminating the need for substitutes and special training facilities.
- **IMPROVED CLASSROOM PRACTICE & STUDENT OUTCOMES:** Teachers become highly qualified, learning strategies to maintain students' attention with innovative science lessons that incorporate technology.
- **TEACHER JOB SATISFACTION/RETENTION:** PBS TeacherLine learners gain personal and professional satisfaction from their achievements. They become more motivated and creative in the classroom, especially in incorporating technology.
- **COST SAVINGS:** Thanks to a grant from the U.S. Department of Education, PBS TeacherLine courses are affordable.

A Partnership for Success

Partnering with PBS TeacherLine helps administrators develop and support your most valuable resource: your teachers. Our extensive lineup of courses can help you address essential professional development objectives and will help your teachers make a significant, positive impact on student learning.

A Special Collection of Content-Rich Courses from WGBH/Teachers' Domain to Build Science Content Knowledge and Instructional Expertise

PBS TeacherLine's science lineup includes a special collection of courses from Teachers' Domain, produced by WGBH Boston. These courses will build deeper subject knowledge and instructional expertise in physical, life, and earth and space sciences.

ELEMENTARY AND MIDDLE SCHOOL COURSES FOCUS ON THREE ELEMENTS: Content knowledge, inquiry methodology, and technology application. High school courses assume a basic knowledge of subject matter, and emphasize inquiry methodology and the use of technology in lessons.

Like all PBS TeacherLine courses, WGBH/Teachers' Domain courses tap media-rich resources and incorporate practical real-world applications.

Many also use critically-acclaimed and trusted information sources such as the award-winning PBS science programs: *NOVA*, *ZOOM*, and *A Science Odyssey*.