

ONLINE CONTINUING EDUCATION COURSES FOR K-12 TEACHERS

Earn graduate credit from accredited institutions of higher education in partnership with Teachscape in the comfort of your own home.

FINISH YOUR COURSE IN
AS LITTLE AS 7 WEEKS

TUITION INCLUDES ALL
**MATERIALS AND OUR
MONEY-BACK GUARANTEE**



COURSES IN HIGH-NEED AREAS INCLUDE:

- ✓ ASSESSMENT
- ✓ MATH
- ✓ READING
- ✓ SCIENCE
- ✓ 21ST CENTURY SKILLS
- ✓ BRAIN-BASED LEARNING

Register online or call today

www.teachscape.com/conted
877.986.2794

**REGISTER
TO WIN!**

Register by January 22 and have a chance to win *Reflect Video* with an iPod touch (see p.8 for details).



ENHANCE YOUR SUCCESS IN THE CLASSROOM WITH ONLINE CONTINUING EDUCATION COURSES

Gain the content knowledge, practical skills, and strategies you need to help your students succeed. Teachscape, a leader in professional learning for educators, offers online continuing education courses in multiple subject areas.

Teachscape only partners with regionally accredited institutions of higher education to offer these graduate-level courses.

Tuition includes all fees and course materials. You will receive everything you need to complete a course in the convenience of your home, school, or anywhere you have Internet connection.

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MEANINGFUL COURSEWORK... CONVENIENT AND ONLINE

- Tuition includes all materials and our money-back guarantee.*
- License and certification renewal and salary advancement.**
- Cutting-edge research and theory taught by education experts.
- Access the course from any computer with up-to-date internet access. Work where and when it's best for you.
- Apply new concepts and skills immediately in your classroom practice.
- Emphasis on practical applications—view videos of real-world best practices.
- Gain deeper understanding by collaborating and problem-solving with colleagues.



*If you are not completely satisfied with the course within the first two weeks, you may receive a refund of 100% of your tuition. A \$25 restocking fee will apply. Materials must be returned in order to receive a tuition refund.

**Check with your state/district for details.

Online Continuing Education Course List:

21st Century Skills


THE 21ST CENTURY LEARNER, K-12

This course examines the interdisciplinary skills that all students need in order to be productive, contributing members of a global community. The skills of collaboration, critical thinking, oral and written communication, technology literacy, and citizenship are embedded in a holistic framework of teaching so that participants meet the needs of increasingly diverse and multicultural students.

Brain-Based Learning

THE THINKING AND LEARNING BRAIN, K-12

This course focuses on the latest research in the domains of neuroscience and cognitive psychology. Participants examine the classroom implications of understanding how the brain learns. Key topics of each domain are explored, such as memory, cognition, language development, gender differences, and the emotional aspects of learning. Participants apply brain-compatible strategies to improve student achievement, to increase student motivation and engagement, and to create a supportive learning environment.



EARN 3
SEMESTER
HOURS OR 5
QUARTER HOURS OF
GRADUATE CREDIT
PER CLASS

Curriculum, Instruction, & Assessment

CLASSROOM ASSESSMENT FOR TODAY'S TEACHER, K-12

This course focuses on three important areas of assessment: grading, authentic assessment techniques, and Response to Intervention (RTI). While studying each of these areas of assessment, participants will identify common problems and obstacles classroom teachers face in each of these categories, and subsequent ways to address or overcome these issues. Participants will also apply research-based grading, authentic assessment, and RTI strategies to their particular teaching situation.

EFFECTIVE ASSESSMENT, K-12

This course grounds teachers in effective ways to assess their students, and how to use this information to modify their instructional practices.

- Identify and define different assessment methods according to three categories: *Assessment of Learning*, *Assessment for Learning*, and *Assessment as Learning*.
- Examine different grading systems and apply one that best communicates student progress and achievement to others.

INSTRUCTIONAL DESIGN, K-12

This course concentrates on an effective and efficient instructional planning process that allows teachers to align their instructional design to state and local standards.

- Learn to use “backward design” to create comprehensive instructional units.
- Integrate formal and informal assessment techniques that allow you to monitor student progress, as well as student mastery.

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MEETING THE NEEDS OF ALL STUDENTS, K-12

This course provides teachers with proven strategies and classroom management techniques to help them reach all of their students regardless of ability, language development, race, socioeconomic status, gender, and/or learning challenges.

- Apply strategies to increase student engagement.
- Differentiate instruction according to students' interests and abilities.

RESEARCH-BASED INSTRUCTIONAL STRATEGIES, K-12

This course explores instructional strategies that 30 years of educational research has shown to increase students' academic achievement.

- Learn and apply each of the research-based strategies.
- Identify how and when to use these strategies in ways appropriate to your grade level and content area.

STUDENT-DIRECTED LEARNING TO FOSTER MOTIVATION AND ENGAGEMENT, K-12

This course provides an overview of the theoretical background and practical applications of motivation and engagement. It supports the pursuit of developing true teacher leaders by supplying a framework from which educators can reflect upon their students and devise strategies to increase motivation and learning. Participants will explore project-based and problem-based learning, two student-centered learning structures that require students to engage in high-interest yet challenging tasks.

TEACHER AS LEADER, K-12

This course focuses on the characteristics of successful teacher leaders and ways that all classroom teachers can cultivate these characteristics and improve their leadership skills.

- Identify your personal leadership profile.
- Learn and apply leadership strategies for the classroom, school, and community.

UNDERSTANDING TEACHING AND LEARNING, K-12

This course examines the intricacies of how people learn and the effect teacher understanding has on making informed instructional decisions.

- Analyze and understand why some instructional strategies are more effective than others.
- Apply proven instructional strategies based on current learning theory.

Elementary Reading & Literacy

ASSESSMENT AND INTERVENTION FOR STRUGGLING READERS, K-6

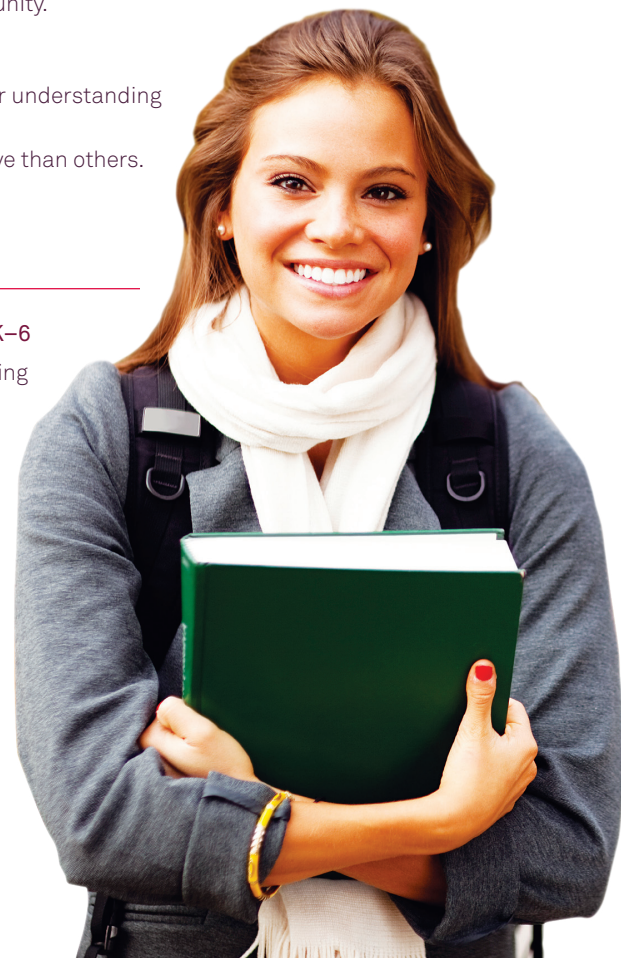
This course helps teachers better understand students who struggle with reading and gives them the tools to improve their students' fluency and comprehension in order to meet grade-level standards.

- Define and describe the characteristics of a struggling reader.
- Identify a particular student who fits that description and examine his/her needs.

FOUNDATIONS OF READING AND LITERACY, K-6

This course focuses on sound theories and principles for developing literacy skills in elementary students.

- Increase understanding of phonemic awareness, phonics, fluency, vocabulary, and comprehension.
- Apply the most effective instructional strategies to improve students' reading skills.



READING IN THE CONTENT AREAS, K-6

This course focuses on ways to integrate effective literacy strategies into all content areas.

- Employ effective instructional strategies to engage all learners in the reading of informational texts.
- Develop subject-area vocabulary that aids in the comprehension of content-specific material.

THE READING AND WRITING CONNECTION, K-6

This course focuses on the writing process and its role in literacy development, and provides teachers with proven techniques to help their students integrate writing into all subject areas.

- Identify, define, and explain all stages of the writing process.
- Create learning experiences in which students respond to literature before, during, and after reading.

Elementary Mathematics

ALGEBRA, K-5

This course focuses on developing basic algebraic thinking, which includes studying patterns and functions, understanding the structure of the number system, using symbolism meaningfully, and using mathematical modeling to solve problems.

- Deepen understanding of patterns, functions, and algebraic symbols.
- Analyze repeating and growing patterns and represent these patterns in words, pictures, and numbers.

DATA ANALYSIS AND PROBABILITY, K-5

This course is structured around the creation and completion of a real-life data analysis project that allows participants to apply knowledge and skills from other mathematical strands.

- Design an investigation to address a question and consider how data-collection methods affect the nature of the data set.
- Use measures of center, especially the median, and understand what each does and does not indicate about a data set.



FUNDAMENTALS OF MATHEMATICS: TEACHING FOR CONCEPTUAL UNDERSTANDING, 2-6

This course helps teachers deepen their understanding of the mathematical concepts they teach in order to develop the mathematical fluency of their students.

- Develop understanding of key ideas in Number & Operations, Measurement, Geometry, and Algebra.
- Learn to model ways of thinking aloud and sharing efficient problem-solving strategies.

DATA ANALYSIS AND PROBABILITY, 6-8

This course is structured around the creation and completion of a real-life data analysis project that allows participants to apply knowledge and skills from other mathematical strands. Key concepts such as data collection, graphical representations of data, and measures of center are highlighted.

- Design an investigation that includes data collection and data analysis.
- Select, create, and use appropriate graphical representations of data.

MEASUREMENT AND GEOMETRY, 6–8

This course covers the Van Hiele levels of geometric thought—focusing on shapes and properties, transformations, location, and visualization, as well as measurement concepts and skills—and allows teachers to develop a profound understanding of key mathematical concepts as outlined in the NCTM Principles and Standards for School Mathematics.

- Apply effective problem-solving strategies to real-world problems.
- Deepen understanding of mathematical concepts such as volume and capacity, similarity and congruence, and solving problems with ratios and proportions.

PROBLEM SOLVING AND NUMBER & OPERATIONS, 6–8

Based on the NCTM *Principles and Standards for School Mathematics*, this course establishes a foundation of mathematical content knowledge and problem-solving skills.

- Deepen personal understanding of mathematical content found in middle school mathematics, such as fractions, decimals, percents, ratios, proportions, and developing proportional reasoning.
- Integrate formative assessment techniques into mathematics instruction.

PROPORTIONAL REASONING IN THE MIDDLE GRADES, 6–8

This course examines key mathematical ideas related to helping middle school students develop proportional reasoning.

- Discover ways to improve your instructional planning before, during, and after mathematics lessons.
- Learn ways to model proportional thinking and apply concepts to real-world problems.

Science Education

INQUIRY-BASED SCIENCE, K–8

This course is designed to teach scientific process skills and help teachers create engaging, hands-on science lessons. Participants learn to leverage the strength of inquiry-based science instruction to help their students develop deeper understanding of key earth science concepts. The course is designed around a constructivist learning model called the Five E's: Engagement, Exploration, Explanation, Elaboration, and Evaluation. Participants will study each part of the model and learn ways to apply these concepts immediately in their teaching practice.

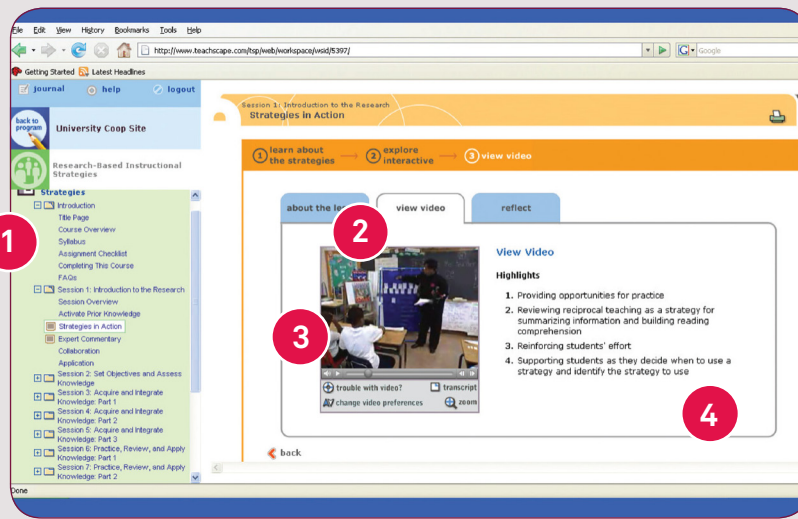
“ I liked the **convenience** of an online course because it allowed me to complete the work around my schedule; whether that be at night, early in the morning, or weekends.

The **collaboration** portions allowed me to discuss and learn from my colleagues. ”

—Elementary School Teacher



A BETTER ONLINE EXPERIENCE FOR BETTER RESULTS



1. Streamlined Process

The first time you log on, you will see your virtual desk. Every graduate course is clearly organized and includes an introduction and seven sessions. All materials necessary are delivered to you online (articles) and/or to your front door (textbooks).

The sessions include both theoretical learning and multiple opportunities to view and participate in real-world applications. Stay on track throughout the course with rubrics, self-checks, and handy timelines. To complete the course, simply email your assignments to the university for grading.

2. Dynamic Interactive Content

We provide robust learning experiences that hold your attention, activate your creativity, and accommodate your personal learning style.

3. Online Video Case Studies

The visual medium brings theory to life. Unscripted, unrehearsed video case studies, expert commentary, and teacher reflections demonstrate how to manage challenges and implement effective strategies.

4. Your Class—Your Schedule

Study where and when it's best for you.

You have what it takes to learn online.

All you need is a computer and Internet access. The Teachscape delivery platform is designed for educators with any level of technology experience and expertise. No matter what your computer or Internet connection speed, you can learn online with ease and efficiency.

PC

- Windows XP or Vista
- Pentium 400 MHZ Processor (or faster)
- Sound card with speakers or headphones
- Internet Explorer 7.0 or Firefox*

Macintosh

- OS X 10.3 (or above)
- 400 MHZ Processor (or faster)
- Safari or Firefox Internet browser*

Both PC/MAC

- 128 MB of RAM (258 MB recommended)
- Minimum display resolution of 1024 x 768

If you ever have technology questions or problems, Teachscape offers toll-free phone assistance from 8:00 am to midnight, ET, Monday through Friday, and 24-hour email support with responses delivered within 24 hours.

*Most computers already have these installed, otherwise they can be downloaded free from the Teachscape website.

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EDUCATION EXPERTS FEATURED IN OUR ONLINE COURSES:

Dr. Isabel Beck, University of Pittsburgh
 Dr. Maria Blanton, University of Massachusetts, Dartmouth
 Dr. Diane Briars, Pittsburgh Public Schools
 Dr. Kay Burke, Kay Burke & Associates/Author
 Dr. Marvin Cohen, Bank Street College
 Dr. Ceri Dean, McREL
 Jane Doty, McREL
 Dr. Nell Duke, Michigan State University
 Dr. Paul Eggen, University of North Florida
 Dr. Susan B. Empson, University of Texas, Austin
 Dr. Connie Juel, Harvard University
 Dr. James Kaput, University of Massachusetts, Dartmouth
 Dr. Donald Kauchak, University of Utah
 Dr. Ann Lieberman, Stanford University
 Tom Malarkey, M.A., BayCES
 Jay McTighe, Consultant/Author

Dr. Louisa Cook Moats, Researcher
 Dr. Jeanne Ormrod, University of Northern Colorado
 Dr. Michael Pressley, Michigan State University
 Dr. Timothy Rasinski, Kent State University
 Dr. Richard Schaar, Texas Instruments/Mathematician
 Dr. Judah Schwartz, Harvard University
 Dr. Tony Smith, Emeryville Unified School District
 Dr. Catherine Snow, Harvard University
 Dr. Deborah Stipek, Stanford University
 Dr. Dorothy Strickland, Rutgers University
 Dr. Carol Ann Tomlinson, University of Virginia
 Dr. Joseph Torgesen, Florida State University
 Dr. John Van de Walle, Virginia Commonwealth University
 Grant Wiggins, Authentic Education/Author
 Dr. Ken Williams, Marygrove College
 Dr. Pat Wolfe, Mind Matters, Inc./Author

Register by January 22 and have a **chance to win** Teachscape *Reflect* Video, voted as one of the Top Five Shining Stars in EdNet's Best for 2011

Teachscape *Reflect* Video is an easy-to-use online video platform that fosters reflective learning and strengthens teaching practice.

One winner will receive:

REFLECT MINI CAMERA KIT, WHICH INCLUDES:

- iPod touch*
- Wide-angle lens
- High-fidelity condenser microphone
- Adjustable, lightweight tabletop tripod
- Protective case

ONE YEAR REFLECT VIDEO SOFTWARE LICENSE

- Easily upload video captured from the iPod touch*
- View and analyze videos of your classroom teaching and student activity
- Develop video libraries of teaching practice

*Promotion is for Teachscape *Reflect* Video with *Reflect* Mini Camera Kit. iPod touch is a registered trademark and is not a sponsor of, nor a partner in this promotion. For official rules, please call us at 1.877.986.2794.



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