READING & WRITING IN THE DISCIPLINES

NEW!

This course provides teachers and literacy coaches with an overview of disciplinary literacy, essential concepts related to proficient reading and writing, and general instructional practices that support literacy development indicated by the Common Core and NGSS. The course encompasses four discipline strands: Mathematics, Science, English and History/Social Studies. Teachers will see videos with classroom examples specific to each discipline, research on what literacy means in the four disciplines, and case studies of professionals using literacy in their daily work. An extensive website houses the course text and interactive features. *Produced by WGBH Educational Foundation. 2015.*

- **A multimedia course for science, mathematics, social studies, and English/language arts middle and high school teachers**
- **2 or more graduate credits**
- **Distance learning course**

PROGRAMS OF 3–8 MINUTES IN LENGTH

1. **Course Overview**

Discipline Literacy Research Videos

2. **Mathematics**
3. **Science**
4. **English**
5. **History**

Real World Videos

6. **Mathematics: An Epidemiologist**
7. **Science: A Biotech Startup**
8. **English: A Sports Journalist**
9. **History: A Documentary Filmmaker**

Middle and High School Classroom Videos

Mathematics
(programs 10–25, 16 videos)

Science
(programs 26–40, 15 videos)

English
(programs 41–58, 18 videos)

History/Social Studies
(programs 59–78, 20 videos)

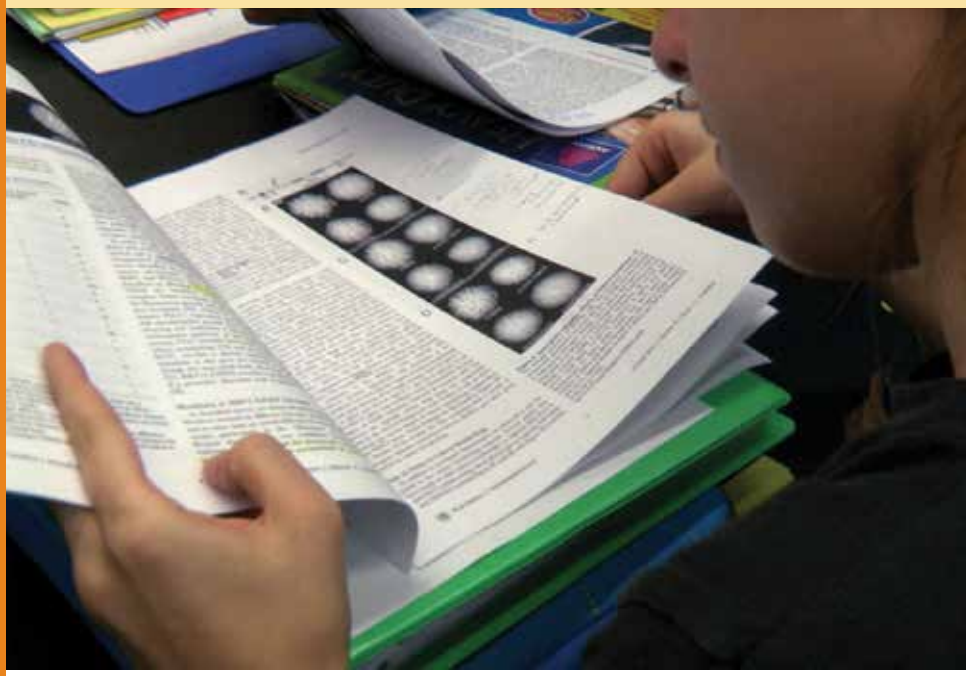
For individual program descriptions, visit www.learner.org/resources/series222.html

PRICE

DVD CC [RWDVD] ▪ $375.00
78 programs of varying lengths on 5 discs

WEBSITE

www.learner.org/courses/readwrite



Biology students get first-hand experience learning how to read data and interpret information from a published scientific paper.

Mathematics in the Real World: An Epidemiologist

Through a series of research studies on a wide array of health issues with a disproportionately negative impact on black women, epidemiologist Traci Bethea uses statistics and comparative data to advocate for health-care reform.

Science in the Real World: A Biotech Startup

Aaron Oppenheimer explains the need for precise and shared vocabulary and critical thinking skills in science. The team of his bio-tech firm shows the benefits of peer collaboration and the process of scientific inquiry and experimentation.

English in the Real World: A Sports Journalist

Sports journalist Ken Schulman describes essential elements of literacy he makes use of in journalism and sports writing, including reading, writing, listening, communication, and documentation skills.

History in the Real World: A Documentary Filmmaker

Filmmaker Laurens Grant demonstrates the process of documenting history through filmmaking while working collaboratively on a documentary on the Black Panther Party.

ESSENTIAL LENS: ANALYZING PHOTOGRAPHS ACROSS THE CURRICULUM

NEW!

Essential Lens inspires teachers to appreciate photographs as documents and data that convey content, and evoke analytical skills of looking at context and scale of an image. The guided professional development tools will enable teachers to research photographic collections, build teachers' confidence in analyzing photographs, and empower teachers to guide students' use of photographs to enhance their understanding of a topic, an era, an event, or a discovery. The materials include videos of personal narratives of photographers and photo editors, activities involving photographic analysis, content-based lesson plans, numerous photo collections for use in teaching, a photo archive, and an interactive photo analysis tool all housed on a freely accessible website. *Produced by Oregon Public Broadcasting. 2015.*

Source: © Abbas/Magnum Photos | Historical photos inspire questions and conversations, and lead students to new understandings and discoveries.

A multidisciplinary professional development and teaching resource for history, social studies, and science teachers, grades 7–12

A Closer Look

This introduction to the course models the process of analyzing photographs with teachers and students. Photography historian Makeda Best discusses the Focus In method with teachers, and educator Julie Keefe employs the method with students at a photography exhibit on "light and dark." Photography curator at the Portland Art Museum, Julia Dolan discusses how she carefully selects a set of photographs to tell a larger story.

Lives

Lives explores the story of human resilience and perseverance. Middle school teacher Donald Rose uses the Migrant Mother photos by Depression-era photographer Dorothea Lange to help students understand what elements a photographer chooses to focus on to create the greatest impact. Historian Linda Gordon, biographer of FSA photographer Dorothea Lange reveals Lange's role in engaging Americans in the plight of those who were most devastated. New Orleans documentary photographers Keith Calhoun and Chandra McCormick talk about the transformation of their photographs after Hurricane Katrina and working with young photographers to preserve the city's cultural heritage.

20-MINUTE PROGRAMS

1. A Closer Look ▲
2. Witness
3. Lives ▲
4. Evidence
5. Story

For individual program descriptions, visit www.learner.org/resources/series223.html

RESOURCES INCLUDE

- More than **250 rights-cleared photos** for use in social studies, science, mathematics, and language arts classes
- **4 videos** documenting the work of photo-journalists, filmmakers, photo editors, and showing photo use in classrooms
- **Photo analysis video**
- **Interactive tool** for analyzing photos
- **Lesson plans and background content** keyed to 11 photo collections

PHOTO COLLECTION TOPICS

- **Change and Resistance: Civil Rights Movements Across the Nation**
- **Processes of Science: Mars, a Case Study**
- **Immigration, Urbanization, and Identity: The Progressive Era City**
- **Earth, Climate, and Change: Observing Human Impact**
- **Protest and Politics: 1968, Year of the Barricades**
- **Place, Culture, and Representation: The Politics of the Harlem Renaissance**
- **Disaster and Government Response: The Great Depression, the Dust Bowl, and the New Deal**
- **Energy: Capture, Storage, and Transformation**
- **Economies and Empire: Colonialism and the Clash of National Visions**
- **Garbage: The Science and Problem of What We Throw Away**
- **Genetics and Bioengineering: The Societal Impacts of Mutations**
- **Forced Migration and Human Rights: Refugees (January 2017)**

PRICE

DVD CC [ELDVD] ▪ $220.00
5 twenty-minute programs on 1 disc

WEBSITE

www.learner.org/courses/lens

For current pricing and to order: 1-800-LEARNER® or www.learner.org

NEUROSCIENCE & THE CLASSROOM:
MAKING CONNECTIONS

Exciting developments in the field of neuroscience are leading to a new understanding of how the brain works that is beginning to transform teaching in the classroom. *Neuroscience & the Classroom: Making Connections* brings together researchers and educators in a dialog about how insights into brain function can be harnessed by teachers for use in their own classrooms to address their own particular challenges. Course components include 42 video segments interwoven with an online text and other useful resources on a comprehensive website. The web also includes interactive simulations of neuroscience research tools, glossary, and course guide for teachers to use for sustained professional development. *Produced by Science Media Group at the Harvard-Smithsonian Center for Astrophysics in association with the Mind, Brain, and Education program at the Harvard GSE; and the Brain and Creativity Institute and Rossier SOE at the University of Southern California. 2012.*

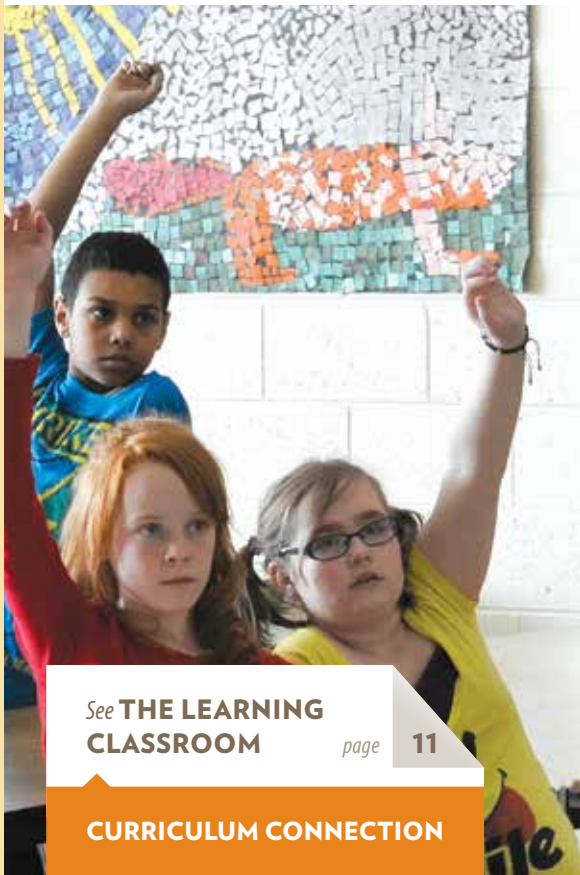
- **A video course for grades K–12 teachers and school counselors**
- **2 graduate credits or 2.5 CEUs**
- **Distance learning course**

Mind, Brain and Education

Interview with neuroscientist Paul Yellin about creating a common language shared by neuroscientists and educators.

Working Memory and Attention

Mathematics educator, Bob Speiser, demonstrates a 15th century algorithm for multiplication, showing how it is less taxing on working memory than traditional multiplication.



See **THE LEARNING CLASSROOM** *page* 11

CURRICULUM CONNECTION

PROGRAMS OF VARYING LENGTHS

1. **It Has to Make Sense**
2. **Mind, Brain and Education**
3. **Collaboration**
4. **A Brief History of Neuroscience**
5. **Tools of Neuroscience: MRI/fMRI**
6. **Tools of Neuroscience: EEG**
7. **Tools of Neuroscience: MEG**
8. **Reading a Word**
9. **Nico's Story**
10. **Brooke's Story**
11. **A Tale of Two Cases: Brooke and Nico**
12. **Measuring Emotional Response to Physics**
13. **Good Idea?**
14. **Emotion in Math**
15. **Depth of Field**
16. **Emotion and Cognition: A Neuroscientist's Perspective**
17. **Music and Emotion**
18. **Using Emotional Content in the History Classroom**
19. **Empathy**
20. **Peer Mentoring**
21. **Warm Jackets Generate Heat?**
22. **Turning Tables at Gallaudet University: What is "Normal?"**
23. **Success Story: Dr. Stephen Shore**
24. **Attention and Magic**
25. **Working Memory and Attention**
26. **Implicit Learning**
27. **Success Story: Dr. Alexander Goldowsky**
28. **Success Story: Dr. Todd Rose**
29. **Success Story: Kent Sinclair**
30. **Success Story: Dr. Temple Grandin**
31. **Reading with Half a Brain**
32. **Dynamic Skill Development**
33. **DiscoTests: A New Approach to Assessment**
34. **Johanna and Mother**
35. **Scaffolding: Johanna and Her Mother with Commentary**
36. **Emotional Connections in Math and Science**
37. **Engaging Native Alaskan Students**
38. **The Montessori Approach**
39. **Montessori and Dynamic Skill Theory**
40. **Technology for Every Student?**
41. **Perspective Shifting in Math**
42. **Students Think for Themselves**

For individual program descriptions, visit www.learner.org/resources/series214.html

PRICE

- **ENTIRE SERIES DVD** CC [NCDVD] ▪ $200.00
  42 video programs on 2 discs

WEBSITE

www.learner.org/courses/neuroscience

For current pricing and to order: 1-800-LEARNER® or www.learner.org

THE LEARNING CLASSROOM:
THEORY INTO PRACTICE

CURRICULUM CONNECTION

See NEUROSCIENCE & THE CLASSROOM *page* 10

This video-based course is an exploration of learning theory as applied in grades K–12 and all subject areas. Hosted by Stanford University professor Linda Darling-Hammond, the 13 half-hour programs illustrate a variety of learning theories with applications to classroom practice. A website and print guide supplement the videos with background readings, questions for discussion, and ongoing assignments for preservice courses and inservice training. *Produced by Detroit Public Television and Mort Crim Communications. 2003.*

- A professional development course for K–12 school teachers
- 3 graduate credits or 2.5 CEUs
- Distance learning course

30-MINUTE PROGRAMS

1. How People Learn: Introduction to Learning Theory
2. Learning As We Grow: Development and Learning
3. Building on What We Know: Cognitive Processing
4. Different Kinds of Smart: Multiple Intelligences
5. Feelings Count: Emotions and Learning
6. The Classroom Mosaic: Culture and Learning
7. Learning From Others: Learning in a Social Context
8. Watch It, Do It, Know It: Cognitive Apprenticeship
9. Thinking About Thinking: Metacognition
10. How We Organize Knowledge: The Structure of the Disciplines
11. Lessons for Life: Learning and Transfer
12. Expectations for Success: Motivation and Learning
13. Pulling It All Together: Creating Classrooms and Schools That Support Learning

For individual program descriptions, visit www.learner.org/resources/series172.html

PRICES

- **DVD-R** CC [TPADVDRK] ▪ $310.00
  13 half-hour programs on 4 discs, 1 guide
- **ADDITIONAL PROFESSIONAL DEVELOPMENT COURSE GUIDE** [TPSGF] ▪ $39.95

WEBSITE

www.learner.org/courses/learningclassroom

THE WHOLE CHILD:
A CAREGIVER'S GUIDE TO THE FIRST FIVE YEARS

This video series gives you practical information on child development and childcare for the critical years from birth to age five. Taped at working childcare centers with real caregivers and children, the programs provide information about the physical, emotional, and cognitive development of children, as well as developmental activities and techniques to use in difficult situations. Series host Joanne Hendrick, author of the accompanying textbook, presents comprehensive information about child development theory in a down-to-earth, accessible manner. *The Whole Child* is filmed on location in urban and suburban preschools, university childcare centers, Head Start classrooms, and in-home programs. *Produced by Detroit Public Television (WTVS) in association with the Merrill-Palmer Institute of Wayne State University. 1998.*

- A video instructional series in early childhood development
- Adaptable for C.D.A. and teaching certification

30-MINUTE PROGRAMS

1. It's the Little Things
2. By Leaps and Bounds
3. Babies Are Children, Too
4. Dealing With Feelings
5. I'm Glad I'm Me
6. Listening to Families
7. Everybody's Special
8. Getting Along Together
9. Building Inner Controls
10. Respecting Diversity
11. Creativity and Play
12. Let's Talk About It
13. Growing Minds

For individual program descriptions, visit www.learner.org/resources/series59.html

PRICES

- **DVD** CC [WHDVDK] ▪ $295.00
  13 half-hour programs on 2 discs
- **TEXTBOOK** [WHST] ▪ $109.95
  The Whole Child: Developmental Education for the Early Years, *8th ed., by Hendrick, Prentice Hall, 2001*
- **STUDY GUIDE** [WHSGS] ▪ $32.95
  The Whole Child, *by Weissman et al., 2001*
- **FACULTY GUIDE** [WHSGF] ▪ $15.00
  The Whole Child, *by Weissman et al., Prentice Hall, 2001*
- **PARENT GUIDE** [WHSGP] ▪ $7.00
  The Whole Child, *by Weissman et al., Annenberg/CPB, 2001*

LOOKING AT LEARNING...AGAIN, PART 1

Understanding how children learn best is an important step toward improving mathematics and science teaching. This series features seven leading educators—Eleanor Duckworth, Joseph Novak, Hubert Dyasi, Constance Kamii, Howard Gardner, Mitchel Resnick, and William Schmidt—who share their ideas on how children really learn. Explore how technology affects learning, learn to elicit and build on students' ideas, and develop strategies for inquiry-based teaching. *Produced by the Harvard-Smithsonian Center for Astrophysics. 1999.*

- A professional development workshop for K–12 teachers
- 2 graduate credits
- Distance learning course

60-MINUTE PROGRAMS

1. **The Many Faces of Learning**
2. **Intellectual Development**
3. **Conceptual Thinking**
4. **Inquiry**
5. **Idea-Making**
6. **The Mind's Intelligences**
7. **Design, Construction, and Technology**
8. **The International Picture**

For individual program descriptions, visit www.learner.org/resources/series106.html

PRICES

- **DVD-R** CC [LLDVDRK] ▪ $220.00
  8 one-hour programs on 4 discs, 1 guide
- **ADDITIONAL PROFESSIONAL DEVELOPMENT WORKSHOP GUIDE** [LLSGF] ▪ $39.95

WEBSITE

www.learner.org/workshops/lala

Intellectual Development

Explore the power of the mind and consider the notion that every child can learn everything. Harvard Professor Eleanor Duckworth discusses the importance of teaching for a deep and lasting understanding and explains why it is important to give students time to work through their own ideas and experience confusion in order to achieve such understanding.

Inquiry

Science Education Professor Hubert Dyasi discusses inquiry-based learning in science and explains why it is essential in all subjects. In this workshop, you will see several classrooms where inquiry learning is taking place and explore numerous strategies you can use in your own classroom.

★ More on Teachers Lab at **www.learner.org/teacherslab**

LOOKING AT LEARNING...AGAIN, PART 2

Through personal interviews, teacher discussions, and classroom footage, this workshop encourages teachers to analyze major theories about how children learn, as well as their own beliefs, and then examine how those beliefs might influence teaching. Each workshop features a different expert's learning theory and provides the opportunity to discuss, critique, and apply the ideas presented. *Produced by the Harvard-Smithsonian Center for Astrophysics. 2000.*

- A professional development workshop for K–12 teachers
- 2 graduate credits
- Distance learning course

60-MINUTE PROGRAMS

1. **Behind the Design**
2. **Mathematics: A Community Focus**
3. **Learning To Share Perspectives**
4. **Conceptual Change**
5. **Infusing Critical and Creative Thinking**
6. **Algebra and Calculus: The Challenge**
7. **Children's Ways of Knowing**
8. **Learning To Listen**

For individual program descriptions, visit www.learner.org/resources/series114.html

PRICES

- **DVD-R** CC [L2DVDRK] ▪ $220.00
  8 one-hour programs on 4 discs, 1 guide
- **ADDITIONAL PROFESSIONAL DEVELOPMENT WORKSHOP GUIDE** [L2SGF] ▪ $39.95

WEBSITE

www.learner.org/workshops/lala2