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.

### Programs of 3–8 Minutes in Length

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Videos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>26–40, 15 videos</td>
</tr>
<tr>
<td>Science</td>
<td>41–58, 18 videos</td>
</tr>
<tr>
<td>English</td>
<td>59–78, 20 videos</td>
</tr>
</tbody>
</table>

**Science**

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.

**Mathematics in the Real World: An Epidemiologist**

**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.

**PROGRAMS OF 3–8 MINUTES IN LENGTH**

<table>
<thead>
<tr>
<th>1. Course Overview</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Mathematics</td>
<td>English</td>
</tr>
<tr>
<td>3. Science</td>
<td>History/Social Studies</td>
</tr>
<tr>
<td>4. English</td>
<td>(programs 59–78, 20 videos)</td>
</tr>
<tr>
<td>5. History</td>
<td></td>
</tr>
</tbody>
</table>

**Real World Videos**

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

For individual program descriptions, visit [www.learner.org/resources/series222.html](http://www.learner.org/resources/series222.html)

**PRICE**

- **DVD [RWDVD]** $375.00  
  78 programs of varying lengths on 5 discs

**WEBSITE**

[www.learner.org/courses/readwrite](http://www.learner.org/courses/readwrite)

---

Biology students get first-hand experience learning how to read data and interpret information from a published scientific paper.
ESSENTIAL LENS: ANALYZING PHOTOGRAPHS ACROSS THE CURRICULUM

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.

NEW! 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.

RESOURCES INCLUDE

- Interactive tool for analyzing photos
- Lesson plans and background content keyed to 11 photo collections
- 250 rights-cleared photos for use in social studies, science, mathematics, and language arts classes
- 4 videos documenting the work of photojournalists, filmmakers, photo editors, and showing photo use in classrooms
- Photo analysis video
- Disaster and Government Response: The Great Depression, the Dust Bowl, and the New Deal
- Energy: Capture, Storage, and Transformation
- Economics 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 [ELDVD] • $220.00
  5 twenty-minute programs on 1 disc

WEBSITE

www.learner.org/courses/lens

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

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
- Economics 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)

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.

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

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.

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

PRICE

ENTIRE SERIES DVD ($200.00) 42 video programs on 2 discs

WEBSITE

www.learner.org/courses/neuroscience

See THE LEARNING CLASSROOM page 11
THE LEARNING CLASSROOM:
THEORY INTO PRACTICE

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.

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 [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.

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 [WHDVDK] $295.00
13 half-hour programs on 2 discs
TEXTBOOK [WHST] $109.95
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

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

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 [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.

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

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.

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 [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

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