

Reading/Language Arts

Grades	Course	Spring	Summer	Fall	Winter
PreK – K	Teaching Narrative & Expository Comprehension	•			•
PreK – K	Teaching Phonics & Spelling for Emergent Readers	•	•	•	
PreK – K	Effective Writing Instruction	•			
PreK – K	Raising Readers			•	
PreK – 2	Teaching Vocabulary: Word Meaning & Word Knowledge	•		•	
PreK – 3	Teaching Phonemic Awareness & Phonics	•	•	•	•
PreK – 3	Facilitating Oral Language Development			•	
PreK – 3	Supporting ELLs: Assessing Language Development				•
PreK – 3	Supporting ELLs: Oral Language Development			•	
PreK – 3	Supporting ELLs: Vocabulary Development				•
K – 2	Integrating the Internet into the Language Arts Curriculum		•		
K – 2	Early Literacy Learning Part 1			•	
K – 2	Early Literacy Learning Part 2				•
K – 6	Children’s Authors on the Web	•	•	•	•
K – 8	An Introduction to Underlying Principles & Research for Effective Literacy Instruction	•	•	•	•
1 – 3	Teaching Narrative & Expository Comprehension	•			
1 – 3	Teaching Phonics & Spelling for Beginning & Transitional Readers	•	•	•	•
1 – 3	Effective Writing Instruction			•	
2 – 5	Teaching Reading Fluency	•			•
3 – 5	Teaching Vocabulary: Word Meaning & Word Knowledge	•			
3 – 12	Teaching Reading in the Content Areas	•	•	•	•
3 – 10	Teaching Reading in Mathematics	•		•	
3 – 12	Teaching Reading in Science		•	•	•
4 – 6	Effective Writing Instruction				•
4 – 6	Teaching Narrative and Expository Comprehension	•			
6 – 12	Teaching Writing in the Content Areas		•	•	
6 – 12	Teaching Writing in Science				•
6 – 12	Teaching Writing in Mathematics				•

Instructional Technology

Grades	Course	Spring	Summer	Fall	Winter
K – 8	Enhancing Multicultural Education With Technology				•
1 – 8	The Classroom Computer as a Learning Station	•			
K – 12	Evaluating & Organizing Internet Resources & Content		•		•
K – 12	Publishing on the Web	•	•	•	•
K – 12	Searching & Researching on the Internet	•		•	
K – 12	Teaching With WebQuests for Grade K – 12	•	•	•	•
K – 12	Communicate & Collaborate Online	•			
K – 12	Introduction to the One – Computer Classroom			•	
K – 12	Putting Technology to Use in the Classroom: Where to Start	•	•	•	
K – 12	Using the Computer for Cooperative Experiences (also offered in Spanish)		•		•
K – 12	The Computer for Personal Productivity	•	•	•	•
K – 12	PBSTeacherLine/ISTE Capstone Certificate Program	•	•	•	•
K – 12	Teaching and Learning With Graphic Organizers: Featuring Inspiration®	•	•	•	•
K – 12	Using Multimedia to Develop Understanding	•			
4 – 8	Collaborating on the Internet: Keypal Projects that Promote Cultural Awareness		•		
6 – 8	Contemporary Issues: Using Technology for Discussion, Debate, & Problem Solving in the Middle School Curriculum		•		•

Grades	Course	Spring	Summer	Fall	Winter
K – 4	Teaching Elementary Life Science				
K – 4	Science and the Living World		•		
K – 4	Plants and Animals			•	
K – 4	Heredity and Adaptation				•
K – 4	Ecosystems and Human Impact	•			
K – 4	Teaching Elementary Physical Science				
K – 4	Motion and Forces in Your World		•		
K – 4	Understanding Motion and Force				•
K – 4	Understanding Properties and Structures	•			
1 – 4	Fostering Cooperative Learning, Inquiry, & Critical Thinking in Elementary Science	•		•	
5 – 8	Fostering Collaboration, Inquiry, and Critical Thinking in Middle School Science		•		•
5 – 8	Teaching Middle School Life Science				•



Local PBS stations may provide courses during additional terms. **This schedule is subject to change.** See pbs.org/teacherline for the current schedule.

Science

Grades	Course	Spring	Summer	Fall	Winter
5 – 8	Structure & Function				
5 – 8	Regulation & Behavior				
5 – 8	Reproduction & Genetics				
5 – 8	Natural Selection & Applied Genetics				
5 – 8	Teaching Middle School Physical Science	•			
5 – 8	Understanding Energy Transfer				
5 – 8	Understanding Waves				
5 – 8	Understanding Heat Transfer				
5 – 8	Understanding Solubility & Density				
5 – 8	Scientific Inquiry & Field Work: Discovering With Technology	•		•	
5 – 12	Teaching Earth & Space Science				
5 – 12	Introduction to the Earth System		•		
5 – 12	Structure of the Earth System			•	
5 – 12	Earth in Time & Space				•
5 – 12	Weather & Climate	•			
9 – 12	Teaching High School Biology	•		•	
9 – 12	Inquiry in Science Education				
9 – 12	Teaching About Genetics				
9 – 12	Teaching About Evolution				
9 – 12	Designing Effective Lessons				
9 – 12	Teaching High School Physical Science	•			
9 – 12	Inquiry in Physical Science Education				
9 – 12	Assessing Understanding				
9 – 12	Building Understanding				
9 – 12	Teaching Effective Lessons				
Mathematics					
PreK – 3	Understanding Numbers & Operations: Addition & Subtraction	•	•	•	•
K – 5	Math in Everyday Life	•		•	•
K – 5	Count On It: Number Sense	•		•	
1 – 5	Fostering Cooperative Learning, Discussion, & Critical Thinking in Elementary Math	•		•	•
1 – 5	Patterns & Relations: Algebra Concepts	•			
3 – 5	Developing Algebraic Thinking		•		

Grades	Course	Spring	Summer	Fall	Winter
4 – 6	Ready to Teach Fractions Part 1				•
4 – 6	Ready to Teach Fractions Part 2			•	
4 – 8	Enabling Students With Special Needs to Succeed in Math Class	•	•	•	•
4 – 8	Gender Equity in the Mathematics Classroom			•	
6 – 8	Math in Everyday Life		•		
6 – 8	Rational Numbers, Fractions, Decimals, & Percents		•	•	
6 – 8	Proportional Reasoning				•
6 – 8	Making Comparisons With Data Analysis		•		
6 – 8	Just the Stats: Data Analysis				•
6 – 8	The Odds Are Good: Probability	•		•	
6 – 8	Ahead of the Curve: Exponential & Other Functions	•			
6 – 12	Seeing Math™: Proportional Reasoning				•
6 – 12	Seeing Math™: Data Analysis	•		•	
6 – 12	Seeing Math™: Linear Equations		•		•
6 – 12	Seeing Math™: Systems of Linear Equations	•			
6 – 12	Seeing Math™: Linear Functions	•	•		•
6 – 12	Seeing Math™: Transformations of Linear Functions			•	
6 – 12	Seeing Math™: Quadratic Functions	•			
6 – 12	Seeing Math™: Quadratic Equations		•		
6 – 12	Seeing Math™: Transformations of Quadratic Functions			•	
9 – 12	The Concept of Function		•		
Instructional Strategies					
K – 12	Curriculum Mapping I by Heidi Hayes Jacobs	•	•	•	•
K – 12	Curriculum Mapping II by Heidi Hayes Jacobs		•		
K – 12	Constructing a Learning-Centered Environment			•	
K – 12	Building Critical-Thinking Skills for Online Research				•
K – 12	Connecting Family, Community, and Schools	•	•	•	•
K – 12	Creating Units to Support Different Learning Styles	•		•	
K – 12	Inquiry-Based Learning in the Classroom	•			
K – 12	Using Assessment and Evaluation	•	•	•	•
K – 12	Teaching for Multiple Intelligences				•
K – 12	Improving Learning Through Collaboration		•		•
K – 12	Utilizing Technology in Creating a Problem-Based Curriculum	•	•		
6 – 8	Differentiated Instruction for Middle School Students	•	•	•	