

PBS TeacherLine Courses

Winter Schedule – All Courses begin January 25, 2012

Reading / Language Arts		
Grade Level	Hours	Course Name
PreK-K	15	Raising Readers: Preparing Preschoolers for Success
PreK-3	45	Teaching Phonemic Awareness & Phonics
PreK-3	15	Supporting ELLs: Assessing Language Development
PreK-3	15	Supporting ELLs: Vocabulary Development
PreK-3	15	Supporting ELLs: Writing Development
K-6	30	Children’s Authors on the Web
K-8	45	An Introduction to Underlying Principles & Research for Effective Literacy Instruction
1-3	15	Raising Readers: Ready to Spark Word Power
1-3	45	Teaching Phonics & Spelling for Beginning & Transitional Readers
1-3	30	Implementing Effective Writing Workshops
2-5	30	Teaching Reading Fluency
3-12	30	Teaching Reading in Science
3-12	30	Teaching Reading in the Content Areas
6-12	30	Teaching Writing in the Content Areas
Instructional Technology		
K-12	30	Teaching with WebQuests
K-12	30	Putting Technology to Use in the Classroom: Where to Start
K-12	30	Graphic Organizers for 21st Century Learning
K-12	30	The Computer for Personal Productivity
K-12	30	Cooperation & Collaboration in the 21st Century
K-12	30	Publishing on the Web
K-12	30	Evaluating & Organizing Internet Resources & Content
K-12	30	Developing Understanding with Dynamic Media & Digital Storytelling
K-12	30	Capstone introduction: Planning a Technology Portfolio
K-12	45	Capstone 1: Launching a NET-T Technology Portfolio
K-12	45	Capstone 2: Proficient Use of Technology with NETS-T
K-12	45	Online Facilitator Training: Mastering the Skills of Online Teaching
STEM (Science, Technology, Engineering and Mathematics)		
PreK-6	30	Inspire Elementary Students with Engineering
5-8	45	Global Climate Change Education for Middle School
9-12	45	Global Climate Change Education for High School
Science		
K-4	45	Teaching Elementary Life Science
5-8	30	Fostering Collaboration, Inquiry & Critical Thinking in Middle School Science
5-8	45	Teaching Middle School Life Science
5-12	30	Structure of the Earth System
5-12	30	Weather & Climate
9-12	45	Teaching High School Biology
9-12	30	Teaching About Genetics
9-12	30	Introduction to Biotechnology
Mathematics		
PreK-3	30	Understanding Numbers & Operations: Addition & Subtraction

K-5	15	Math in Everyday Life
1-5	30	Fostering Cooperative Learning, Discussion & Critical Thinking in Elementary Math
3-5	30	Developing Algebraic Thinking
4-8	30	Enabling Students with Special Needs to Succeed in Math
6-8	15	Math in Everyday Life
6-12	30	Seeing Math: Linear Functions
6-12	30	Seeing Math: Linear Equations
6-12	30	Seeing Math: Proportional Reasoning
6-12	30	Seeing Math: Quadratic Equations
6-12	45	Achieving Learning Goals through Accomplished Mathematics Instruction
6-12	45	Guiding Student Learning through Accomplished Mathematics Instruction
9-12	15	The Concept of Function
Instructional Strategies		
K-12	30	Building Critical Thinking Skills for Online Research
K-12	30	Curriculum Mapping 1 by Heidi Hayes Jacobs
K-12	30	Curriculum Mapping 2 by Heidi Hayes Jacobs
K-12	30	Connecting Family, Community & Schools
K-12	30	Using Assessment & Evaluation
3-12	45	Teaching with Primary Sources from the Library of Congress