Research Library

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A-D

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- Addressing Climate Change Through Education
- A Framework for Adult Numeracy Standards
- After Installation: Ubiquitous Computing and High School Science in Three Experienced
- Agency of Women of Color in STEM: Individual and Institutional Strategies for Persistence and Success
- Algebra and the Elementary Classroom: Transforming Thinking, Transforming Practice
- Algebraic Reasoning in Prekindergarten–Grade 2
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- Algebra in the Early Grades
- Aligning Classroom-Based Assessment With High Stakes Tests
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- Ask an Author: How Can I Help Special Needs Students Feel Included in Class Discussions
- Ask an Author: Inclusive Math Communities
- Ask an Author: Students with Special Needs
- A Study of the Literature of Lab-Based Instruction in Biology
- Bilingual in Two Senses
- BioTeach—A Program of The Massachusetts Biotechnology Education Foundation: Evaluation Report, Year Three
- Boats, Balloons and Classroom video: Science Teaching as Inquiry
- Body Projects of Young Women of Color in Physics: Intersections of Gender, Race, and Science
- Breaking Barriers
- Breast Cancer and the Environment
- Bridges to Classroom Mathematics: Videotape Package
- Broadening Participation in America’s STEM Workforce, CEOSE 2007-2008 Biennial Report to Congress
- Building Bridges: Teachers Leveraging Game-Based Implicit Science Learning in Physics Classrooms
- Building on Foundations for Success: Guidelines for Improving Adult Mathematics Instruction
- Building Systems from Scratch: an Exploratory Study of Students Learning About Climate Change
- But Why Does It Work?
- Can Teachers Learn Through Inquiry Online
- Career-Life Balance for Women of Color: Experiences in Science and Engineering Academia
- Challenging Cultural Stereotypes of Scientific Ability
- Challenging Games Help Students Learn: An Empirical Study on Engagement, Flow and Immersion in Game-based Learning
- Classroom Diversity: Connecting Curriculum to Students’ Lives
- Counterspaces for Women of Color in STEM Higher Education: Marginal and Central Spaces for Persistence and Success
- Count Me In! K-5: Including Learners With Special Needs in Mathematics Classrooms
- Creating and Sustaining Online Professional Learning Communities
- Cultivating a Culture of Inquiry
- Developing Essential Understanding of Algebraic Thinking for Teaching Mathematics in Grades 3-5 Essential Understanding Series
- Developing Interpretive Power in Science Teaching
- Development and Validation of the Light and Spectroscopy Concept Inventory
- Digital Curriculum in the Classroom: Authority, Control, and Teacher Role
- Digital Design of Smart Images: A Design Story
- Dimensions That Shape Teacher-Scientist Collaborations for Teacher Enhancement
- Discourse Analysis of Comments on a Climate Change Op-Ed, Part 1
- Discourse Analysis of Comments on a Climate Change Op-Ed, Part 2
- Discourse Analysis of Web Texts: Initial Results from a Telementoring Project for Middle School Girl
- Discourse and Social Practice: Learning Science in Language Minority Classrooms

E-H

- A Girl Scout Program Focused on Energy Conservation
- Book Review: Green Equilibrium
- Earth Science by Design Handbook for Professional Developers
- Editorial: An Important Review of Plant Reintroductions
- Electronic Learning Environments That Foster Math and Science Professional Development: Design, Facilitation, and Evaluation
- Electronic Quills: A Situated Evaluation of Writing with Computers in Classrooms
- EMPower Mathematics
- Enabling Courage: Agentic Strategies of Women of Color in Computing
- Enacting Agency: The Strategies of Women of Color in Computing
- Enhancing Use of Learning Sciences Research in Planning for and Supporting Educational Change: Leveraging and Building Social Networks
- Environmental Attitudes in Youth-created Computer Games about Climate Change
- Equity in the Future Tense: Redefining Relationships among Teachers, Students, and Science in Linguistic Minority Classrooms
Everyday Matters in Science and Mathematics Studies of Complex Classroom Events
Experimental Extinctions of Garlic Mustard (Alliaria petiolata) Populations: Implications for Weed Science and Conservation Biology
Extant Text References for Narratives of the Double Bind
Faith from the Fringes: Religious Minorities in School
First Results from the Light and Spectroscopy Concept Inventory
Fluid Grouping: Quantifying Group Engagement around Interactive Tabletop Exhibits in the Wild
Focus on Education: Visiting the Radio Universe
From Knowledge to Knowing: An Inquiry into Teacher Learning in Science
Game Design to Learn about Climate Change: Middle School Girls' Experiences with Systems Thinking
Implementing the Massachusetts Adult Basic Education Math Standards: Our Research Stories
Inclusive Museums
Increasing Access to Technical Science Vocabulary Through Use of Universally Designed Signing Dictionaries.
Infusing Web-based Digital Resources into the Middle School Science Classroom: Strategies and Challenges
Innovate to Mitigate: Science Learning in an Open-innovation Challenge for High School Students
Integrating Arithmetic and Algebra
Interactive Whiteboard Use in High-Tech Science Classrooms: Patterns of Integration
It's Not as Bad as Using the Toaster All the Time—Trade Offs in a Scratch Game About Energy Use
It's Elementary: What's the Weather?
Just Say Yes to Early Algebra!
Karen in Motion: The Role of Physical Enactment in Developing an Understanding of Distance, Time and Speed.
Learning About Statistical Inference
Learning and Behavior Change in a Girl Scout Program Focused on Energy Conservation: Saving Energy to 'Save The Planet'
Learning as a Cultural Process: Achieving Equity Through Diversity
Learning in a Team of High School Students Addressing a Climate Mitigation Challenge
Learning Progressions as Tool for Curriculum Development: Lessons from the Inquiry Project
Learning Science Online: A Descriptive Study of Online Science Courses for Teachers
Learning Science Online: What Matters for Science Teachers?
Lessons Learned and Implications for Practice from the English Learners and Science Tests Project: A Guide for Teachers
Lesson Study for Accessible Science: Building Expertise to Improve Practice in Inclusive Science Classrooms
Literacy in a Science Context
Literacy Practices of Experienced Makers: Tools for Understanding Landscapes of Possibilities
Making Computers Work for Students with Special Needs
Making It Social: Considering the Purpose of Literacies to Support Participation in Making and Engineering
Many Futures: Mentoring Middle School Girls
Math is Healthy
Math Momentum in Science Centers
Math that Matters
Measure Lines
Measurement in Adult Education: Starting with Students' Understandings
Measuring Adult Developmental Differences Using a Survey Instrument
Measuring Implicit Science Learning Using Networks of Player-Game Interactions
Methodological Note: On Using Personal Digital Assistants (PDAs) for Survey Administration
Methodologies for Understanding Social Creativity During Collaborative Design Activities: A Proposal
Models of Intervention: Reweaving the Tapestry
Numeracy Conceptual Framework for the International Adult Literacy and Lifeskills (ALL) Survey
Online Professional Development: Science Inquiry in the Online Environment
Opting in and Creating Demand: Why Young People Choose to Teach Mathematics to Each Other
Plant Species Lost in an Isolated Conservation Area in Metropolitan Boston from 1894 to 1993
Practice-Based Inquiry in Science: A Professional Development Course in Science for K-5 Teachers in Urban Districts
Predicting Influence in an Online Community of Creators
Preparing Teachers to Teach for Deep Understanding: A Curriculum-Based Approach
Professional Learning with Web-Based Videos: The Talk Science Experience
Program Evaluation Report for Year 2 Of the BioTeach Program of the MassBioEd Foundation
Project LITE Educational Materials and Their Effectiveness

"The Coat Traps All Your Body Heat": Heterogeneity as Fundamental to Learning