

### **Picturing Worlds of Inclusion: Visual Analysis of Preservice Teachers' Representations**

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### **Elementary Science Teachers' Use of Representations to Build Shared Understanding from Students' Diverse Ideas and Practices**

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### **Discourse Patterns and Collective Cognitive Responsibility in Collaborative Problem-Solving**

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## **Instructional Design, Situational Interest, and User Experience: Applications of Learning Experience Design to Promote Children's Online Engagement**

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## **Representational Fluency of Angle during an Educational Robotics Task**

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### **Probing Biology Teachers' Disciplinary Literacy Through Their Adaptation of a Research Article**

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## **Computational Thinking as a Context for Ambitious Math Instruction**

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## **"It's Working - We're Bosses" – A Study of Contentious Moments of Learning, Identity and Power in the Context of a Coding Project**

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## **Supporting Third Graders' Use of Subroutines in Programming through Play Versus Worked Examples**

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## **Multimodal Generalizing in a Mathematical Videogame**

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## **Centering Praxis in Design-Based Research: Insights from an Informal STEM Research Practice Partnership**

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### **Contributions of a Situative Perspective on Motivation in the Learning Sciences: Theorizing Motivation for Youth Voice & Equity**

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### **Analysis of Co-designed Biology Units Integrated with Computational Thinking Activities**

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### **Pre-Service Teachers' Argumentations in the Context of Assessment**

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## **Reasoning about Equations with Tape Diagrams: Insights from Math Teachers and College Students**

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## **Student Epistemic Agency and Coherence-seeking through Laboratory Experiments**

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## **(Re)presenting Nature: Sixth Graders' Place-based Field Trip Experience through Restorying**

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## **Connecting with Computer Science: Two Case Studies of Restorying CS Identity with Electronic Textile Quilts**

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## **Computational Art Ecologies**

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## **"I kept going because we were close": Deepening understandings of the relational work of RPPs**

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### **Collaborative Data Engineering: Strategies to Support Macro-level Exploration of Youth Learning Ecosystems**

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### **Spatial Negotiation of Graffiti Artists: Pedagogical Actions in the Interest of Publicness**

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### **Teacher Frameworks about Students' Capacity to Engage in Science Discussions**

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### **Integrating Data Literacy into Secondary School Science: An Exploratory Study of a Pilot Professional Development**

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## **Designing a Global Community of Critical Action Educators**

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## **Expansive Framing of Engagement Survey for Online Learners: A Situative Alternative to the Community of Inquiry Survey**

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