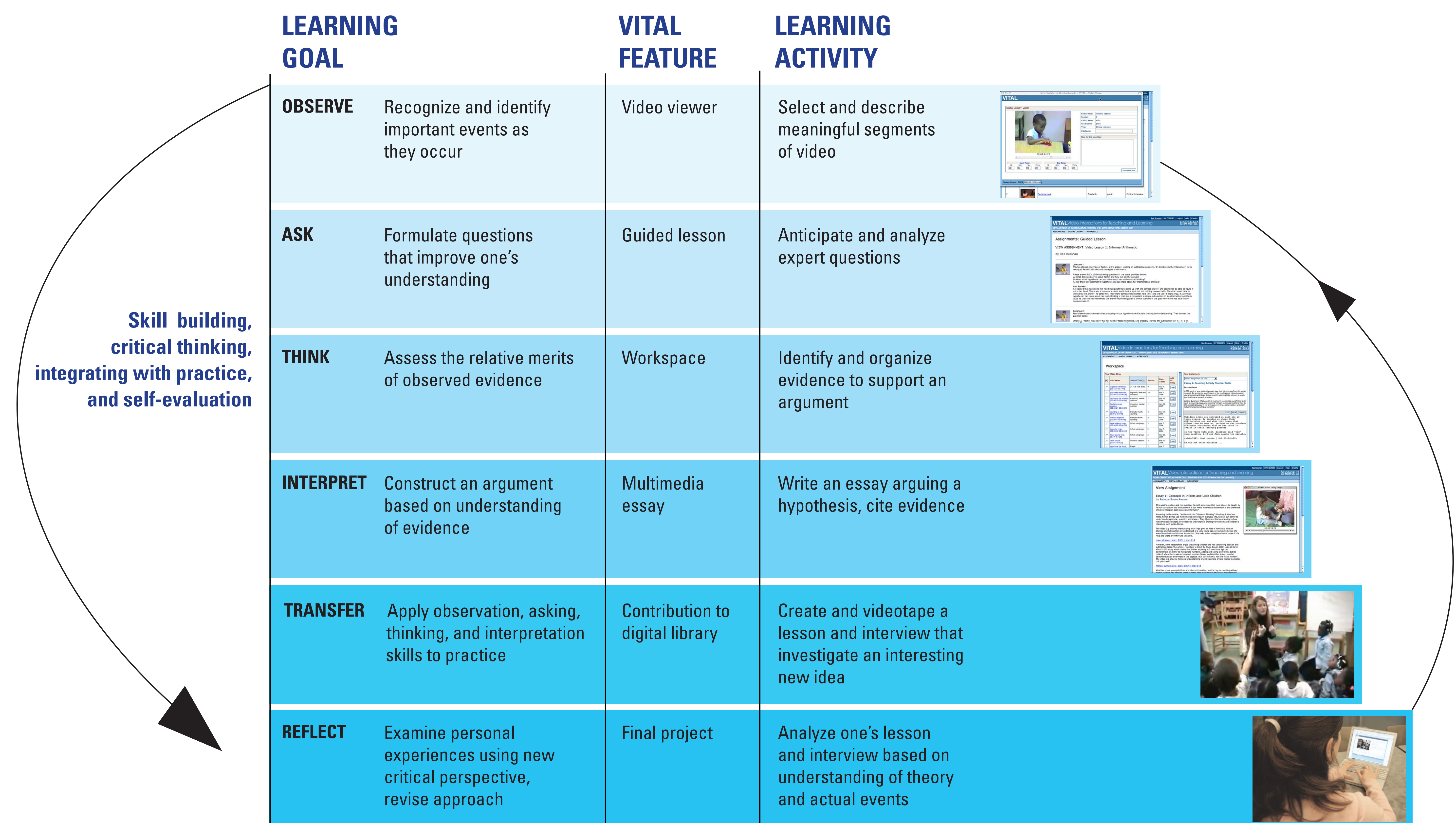


Video Interactions for Teaching and Learning (VITAL): A Learning Environment for Courses in Early Childhood Mathematics Education

PROJECT OVERVIEW

Our aim is to prepare early childhood mathematics educators through courses and “virtual fieldwork” to help connect theoretical knowledge of developmental psychology, mathematics, and pedagogy, with practical experiences, including classroom teaching and assessment strategies.

EXECUTION



RESEARCH & EVALUATION

Our central research question is whether VITAL, in support of a model course based on the *Development of Mathematical Thinking*, provides teachers with enhanced learning opportunities that extend their capacity to understand related theory and to more effectively apply their understanding in the classroom.

Does VITAL help teachers develop an informed approach to practice accomplished by a combination of the study of theory and virtual field experience?

