Participants will explore the features of the Enhanced Learning Maps (ELM) formative assessment research project and the associated tools. ELM helps teachers diagnose and address gaps in student understanding of math and English language arts concepts and skills. Participants will experience the dynamic nature of the learning map model and see how teachers can adjust instruction to meet a student's current level of knowledge. ELM resources include research-based teacher notes for targeted professional development, instructional activities aligned with the maps, and formative assessment strategies to help teachers identify and diagnose student misconceptions. The resources are designed to supplement curriculum currently used by the teacher. Developed at University of Kansas, the ELM project is currently conducting research with five partner states and includes teacher volunteers who implement the instructional resources, utilize the learning map model, and provide ongoing feedback.

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