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Engaging students in the classroom with WeBWorK CLASS.

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Summary: WeBWorK CLASS combines the best features of online homework and digital whiteboards to create a system that provides instructors with information on students' problem-solving processes, as well as their final answer. The system's utilization of tools that can sort students based on correct and incorrect homework and quiz answers and its ability to display students' solutions to problems helps instructors make timely formative assessments of both in and out of classroom work. In this paper, we share how these tools allow us to engage students in the problem-solving process and provide meaningful formative assessment.

Classification: U55 D45

Keywords: student engagement; formative assessment; collaborative learning; technology; WeBWorK

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