

Abstract Submitted
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Research-based resources for teaching and assessment on PhysPort¹ ELEANOR C SAYRE, Kansas State University, SARAH B MCKAGAN, ADRIAN M MADSEN, American Association of Physics Teachers — PhysPort is web resource to support physics professors in using research-based teaching and assessment in their classes. Are you curious about ways to use research-based teaching methods in your classes? PhysPort has guides to over 50 teaching methods, searchable by what kind of class you're teaching and how much research supports them; you can also find which methods are compatible with or comparable to your current methods. PhysPort also expedites your search for research-based assessments by providing access and guides to specific assessments such as concept inventories, beliefs surveys, upper division assessments, and rubrics for measuring scientific skills. Using our interactive Data Explorer, faculty can securely upload their students' anonymized assessment results, visualize their data, and download a report of the results. Teaching a course or workshop for pre-service teachers or TAs? The Periscope collection on PhysPort includes curated video of real classrooms coupled to discussion questions and activities. In this presentation, I'll walk you through these resources (and more!) on PhysPort, and discuss how you can use PhysPort to improve your teaching and department.

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