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 Indicates a research-demonstrated benefit

Overview

A guided-inquiry, conceptual physical science course intended for teaching in a lecture-style environment, e.g. classes with large enrollment.

 Type of Method	Full curriculum
 Level	Designed for: Teacher Prep Course  , Intro College Conceptual 
 Setting	Designed for: Lecture - Large (30+ students)  Can be adapted for: Lecture - Small (<30 students) 
 Coverage	Many topics with less depth
 Topics	Mechanics, Electricity / Magnetism, Thermal / Statistical
 Instructor Effort	Low
 Resource Needs	Clickers / polling method, Projector, Computers for students, Cost for students
 Skills	Designed for: Conceptual understanding  Can be adapted for: Making real-world connections
 Research Validation	Based on research into: theories of how students learn  , student ideas about specific topics  Demonstrated to improve: conceptual understanding  , beliefs and attitudes 
 Compatible Methods	PhET , JiTT , Physlets , SCALE-UP , OSP , LA Program , CPU , Clickers
 Similar Methods	PET , PSET
 Developer(s)	Fred Goldberg, Stephen Robinson, Edward Price, Rebecca Kruse, Danielle Boyd Harlow and Michael McKean
 Website	http://cpucips.sdsu.edu/leps/

