Guide

Ranking Tasks for Introductory Astronomy

Indicates a research-demonstrated benefit

Overview

Conceptual exercises in which students make comparative judgments to identify the order of various situations based on a physical outcome or result.

Type of Method	Curriculum supplement
Level	**Designed for:** Intro College Conceptual
Setting	**Designed for:** Lecture - Large (30+ students) , Lecture - Small (<30 students) **Can be adapted for:** Recitation/Discussion Session, Homework, Studio
Coverage	Many topics with less depth
Topics	Astronomy
Instructor Effort	Low
Skills	**Designed for:** Conceptual understanding
Research Validation	**Based on research into:** theories of how students learn , student ideas about specific topics **Demonstrated to improve:** conceptual understanding **Studied using:** analysis of written work , research at multiple institutions
Compatible Methods	Peer Instruction, PhET, JiTT, CGPS, Physlets, Context-Rich Problems, SCALE-UP, OSP, LA Program, CAE TPS, Lecture-Tutorials, CPU, TEFA, Tutorials, Clickers
Similar Methods	Ranking Tasks, TIPERs, Lecture-Tutorials
Developer(s)	David Hudgins, Kevin Lee, and Edward Prather
Website	http://astro.unl.edu/interactives/