
























## 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.

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

