

Science Learning Goal Graphic Organizer

THE HOW-Recognizing & Monitoring Serve as a guidepost for teachers to make instructional decisions during the enactment of the lesson	THE WHAT-Content-based decisions (complexity) Help teachers make instructional content-based decisions before stepping into the classroom
How will students understand?	Students will understand light has wave properties. What about wave properties? • Reflected • Absorbed • Transmitted through various materials
Students will develop a model to show how light is How will students develop models? What does developing models look like in my classroom?	reflected, absorbed, or transmitted through various materials. What about reflection absorption and transmission? How might I describe these properties when I see evidence of them? • Traced as straight lines • Reflected (bounces back) • Absorbed • Transmitted through different materials bends the lines of light
Students in small groups will manipulate a light source to identify that the path of light can be traced as straight lines and can be reflected, absorbed. Or transmitted, except at surfaces between different transparent materials where the light bends. Students will develop a model using words. Pictures and diagrams to explain the observations of light behavior.	