

REPORT CARD -

Asks and Identifies questions to be answered	Asking Questions and Defining Problems • Ask and/or identify questions that can be answered by an investigation. Students could identify questions [related to whether] objects need light to illuminate them [in order to] be seen that can be answered by an investigation. 1-PS4-2
Conducts investigations and collects data	Planning and Carrying Out Investigations • Plan and conduct an investigation collaboratively to produce data to serve as the basis for evidence to answer a question. Students could plan an investigation collaboratively to produce data to answer a question [about whether] objects can be seen if light is [not] available to illuminate them. 1-PS4-2
Uses scientific models to show thinking	Developing and Using Models • Develop and/or use a model to represent amounts, relationships, relative scales (bigger, smaller), and/or patterns in the natural and designed world(s). Students could develop a model to represent [the] relationship [between] materials [and whether they] allow light to pass through them. 1-PS4-3
Designs or builds a device that solves a specific problem	Constructing Explanations and Designing Solutions • Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena. Students could make observations (firsthand or from media) to construct an evidence-based account for [why] some materials allow light to pass through them. 1-PS4-3