REPORT CARD -

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| Asks and Identifies questions to be answered | Asking Questions and Defining Problems<br>● Identify scientific (testable) and non-scientific (non-testable) questions.<br>Students could identify testable and non-testable questions [about] the orbits of Earth around the sun and of the moon around<br>Earth. 5-ESS1-2 |
| Conducts investigations and collects data | Planning and Carrying Out Investigations<br>● Evaluate appropriate methods and/or tools for collecting data.<br>Students could evaluate appropriate methods and tools for collecting data [on the relative] distance of stars from Earth. 5-ESS1-1 |
| Uses scientific models to show thinking | Developing and Using Models<br>● Develop a model using an analogy, example, or abstract representation to describe a scientific principle or design solution.<br>Students could develop a model using an analogy to describe [that] the sun is a star that appears larger and brighter than other stars because it is closer. 5-ESS1-1 |
| Designs or builds a device that solves a specific problem | Constructing Explanations and Designing Solutions<br>● Construct an explanation of observed relationships (e.g., the distribution of plants in the back yard).<br>Students could construct an explanation of observed relationships [between] different positions of the sun, moon, and stars [at] different times of the day, month, and year. 5-ESS1-2 |