Making Claims Based on Observations of the Sun and the Moon

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| TABLE V.2  Powerful Ideas about the Sun and the Moon | | | |
| Sketch of set up | Evidence | Powerful Idea | Vocabulary |
|  |  | The shape of the lit portion of the Moon that we see from Earth changes in a regular pattern. |  |
|  |  | The angle formed by pointing one arm at the Moon and one arm at the Sun changes in a regular pattern related to the changing shape of the lit portion of the Moon that we see. |  |
|  |  | The lit side of the Moon is always on the same side as the Sun |  |
|  |  | The angle formed by pointing one arm at the Moon and one arm at the Sun is useful for predicting when and where to look for the Moon. |  |
|  | Waxing phases:  Full:  Waning phases: | The Moon is visible at different times, depending upon its phase. |  |