Considering the Phases of the Moon and Eclipses

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| TABLE V.7 Additional Insights about the Phases of the Moon | | | |
| Sketch of set up | Evidence | Powerful Idea | Relevant Vocabulary |
| <http://astro.unl.edu/naap/lps/lunarPage2.html> |  | What we see depends upon our perspective. |  |
| <https://starchild.gsfc.nasa.gov/docs/StarChild/questions/phases.html> |  | What we see from Earth is the portion of the lit side that is visible from Earth given the relative positions of the Sun, Earth, and Moon as the Moon revolves around the Earth. |  |

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| TABLE V.8  Explaining Eclipses of the Sun and Moon | | | |
| Sketch of set up | Evidence | Powerful Idea | Relevant Vocabulary |
| <https://www.nasa.gov/audience/forstudents/5-8/features/nasa-knows/what-is-an-eclipse-58> |  | Eclipses occur when the Moon is precisely in line with the Earth and the Sun. |  |

Sketch of configuration of the Sun/Earth/Moon System for an eclipse of the Moon.

Sketch of configuration of the Sun/Earth/Moon System for an eclipse of the Sun.