

8th Grade Science Day 5

Students will be able to explain how the tilt of Earth's axis influences the seasons.

Students will be able to compare and contrast a lunar and solar eclipse.

Directions:

1. Watch this Bill Nye Video about Earth's Seasons: [Bill Nye explains Seasons](#)
2. Draw the positions of the Earth, Moon, Sun (with tilt!) for our current season.
3. Watch these two videos over Lunar and Solar Eclipses: [Lunar Eclipse](#) [Solar Eclipse](#)
4. Create a Venn Diagram to compare and contrast Lunar & Solar Eclipses.
 - a. Extra Extension: Look up when the next complete solar eclipse and lunar eclipses are happening in our location.

Links:

[Bill Nye explains Seasons](#)

[Lunar Eclipse](#)

[Solar Eclipse](#)