

1st Grade: Space Systems: Patterns and Cycles

Driving Question: How can we as scientists observe, predict, and teach others about the patterns of the sun, moon, and stars?

Content:

- 1-ESS1-1- Use observations of the sun, moon, and stars to describe patterns that can be predicted.
- 1-ESS1-2- Make observations at different times of year to relate the amount of daylight to the time of year.
- W.1.2- Write informative/explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure.
- W.1.7- Participate in shared research and writing projects

Major Products: Students will design a planet and create a model of their planet as collaborative groups, using paper maché. Students will also program Sphero Robotic Balls to navigate through obstacles on a model planet.

Public Presentation: Students will narrate a video discussing the planets they created.

