Science Planning

**Unit 1: Structure and Motion Within the Solar System (6-8 weeks)**

**Week 9 Big Idea: Planets differ from one another because of their individual properties.**

Week 9 – 10/28 – 11/1

10/28 - YWBAT use computational thinking to analyze data and determine the scale and properties of objects in the solar system.

Success is: focusing on one planet, gather data on what makes it unique and develop a presentation to share with peers.

Phenomena: Planets differ from one another because of their individual properties.

* Demo presentation
* In pairs, students gather information on a planet using books, articles and the internet
* In pairs, students synthesize their gathered information on a planet using books, articles and the internet and develop a short presentation for peers
* Students develop a short presentation for peers.

10/29 - YWBAT use computational thinking to analyze data and determine the scale and properties of objects in the solar system.

Success is: focusing on one planet, gather data on what makes it unique and develop a presentation to share with peers.

Phenomena: Planets differ from one another because of their individual properties.

* Present planet presentations

11/1 - YWBAT use computational thinking to analyze data and determine the scale and properties of objects in the solar system.

Success is: taking large-scale data and producing to-scale data represented in yards.

Phenomena: Planets differ from one another because of their individual properties.

* Take planet distance data and convert into to-scale yardage.
* Solar Walk