Assessment Table

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| Objective | Day | Formative | Summative | Milestone |
| **SWBAT:** Compare and contrast the geocentric and the heliocentric models.  | 2 | Exit Slip | Test Question | X |
| **SWBAT:** Model and describe the phases of the moon | 3 | Whiteboard Activity | Test Question  | X |
| **SWBAT:** Compare and contrast the planets | 3 | Graphic Organizer | Test Question and part of project | X |
| **SWBAT:** Demonstrate the positions of the Sun Earth and Moon during solar and lunar eclipses.  | 6 | Exit Slip | Test Question | X |
| **SWBAT:** Explain why Solar and Lunar Eclipses occur.  | 6 | Model | Test Question | X |
| **SWBAT:** Apply the concepts of Kepler Law's to the planetary motion of their class model. | 9 | Model | Test QuestionProject | Y |
| **SWBAT:** Use Newton's Law of Gravitation to see how a planet's gravity influences its moons. | 9 | Model and Kahoot | Test Question | Y |
| **​SWBAT:** Collect data from a radiometer to make radiation measurements. | 5 | Lab Activity | Test Question | X |
| **SWBAT:** Predict whether or not a planet is within a "habitable zone" in a given star system based upon the amount of radiation energy a star is producing and the distance the planet is from that star. | 5 | Exit Slip | Project | X |
| **SWBAT:** ​Experiment with the different effects that gravity on objects in motion.  | 8 | Model and Plicker Question | Test Question | Y |
| **SWBAT**: Create a planet with features that could exist based on the qualities of the chosen star, and the distance from that star. | 10 | Handout | Project | XY |
| **SWBAT**: Create a model of their solar system using a scale factor | 10 | Exit Slip | Project | XY |