

Grade 6 – The Solar System

The Star Dome show “The Solar System” is designed to address a number of specific learning outcomes in the Grade 6 science curriculum unit 4 (The Solar System).

	Specific Learning Outcomes
6-4-07	Describe how the conception of the Earth and its position in space has been continuously questioned and how our understanding has evolved over time
6-4-08	Recognize that the Sun is the centre of the solar system and it is the source of energy for all life on Earth
6-4-09	Identify the planets in the solar system and describe their size relative to the Earth and their position relative to the Sun
6-4-10	Classify planets as inner or outer planets, based on their position relative to the asteroid belt, and describe characteristics of each type
6-4-11	Recognize that mass is the amount of matter in an object, that weight is the force of gravity on the mass of an object, and that the force of gravity varies from planet to planet
6-4-15	Identify points of reference in the night sky and recognize that the apparent movement of celestial objects is regular, predictable and related to the Earth’s rotation and revolution