

FLORIDA EARTH-SPACE SCIENCE STANDARDS

Florida Standard	Primary Video Matches	Secondary / Possible Matches	Justification
SC.4.E.5.1 Patterns in the sky	<a href="#">Power of the Planets</a>	<a href="#">Gravity &amp; Orbits</a> <a href="#">Storm on Saturn</a>	Planetary motion and orbital patterns.
SC.4.E.5.3 Earth revolves around the Sun	<a href="#">Gravity &amp; Orbits</a>	<a href="#">Power of the Planets</a>	Orbital mechanics and solar system structure.
SC.4.E.6.3 Human use of Earth's resources	<a href="#">If We Built a House</a>	<a href="#">Science vs. Engineering</a> <a href="#">Exploring Energy</a>	Engineering design of structures using Earth materials.
SC.5.E.5.1–5.3 Solar system objects	<a href="#">Power of the Planets</a>	<a href="#">Storm on Saturn</a> <a href="#">Gravity &amp; Orbits</a>	Distinguishing planets, moons, comets, asteroids.
SC.5.E.5.4 Stars differ in size, temperature, brightness	<a href="#">Power of the Planets</a>	<a href="#">Storm on Saturn</a>	Supports solar system and stellar comparisons.
SC.5.E.7.1–7.7 Weather & water cycle	<a href="#">Hurricanes</a> <a href="#">Storm on Saturn</a>	<a href="#">Heat Transfer</a>	Weather patterns, energy transfer, atmospheric components.
SC.6.E.7.1 Weather vs. climate	<a href="#">Hurricanes</a>	<a href="#">Storm on Saturn</a>	Weather systems vs. long-term patterns.
SC.6.E.7.2 Global patterns influence weather	<a href="#">Hurricanes</a>	<a href="#">Heat Transfer</a>	Ocean/atmosphere energy drives storms.
SC.6.E.7.3–7.7 Weather systems	<a href="#">Hurricanes</a> <a href="#">Storm on Saturn</a>	<a href="#">Heat Transfer</a>	Air pressure, humidity, precipitation, temperature.
SC.8.E.5.1–5.3 Stars, galaxies, universe	<a href="#">Power of the Planets</a>	<a href="#">Gravity &amp; Orbits</a> <a href="#">Storm on Saturn</a>	Solar system structure and gravitational interactions.
SC.8.E.5.7 Orbital motion	<a href="#">Gravity &amp; Orbits</a>	<a href="#">Gravity vs. Drag</a> <a href="#">Storm on Saturn</a>	Gravity governs orbital paths.