

NGSS MS EARTH-SPACE LIFE SCIENCE STANDARDS

NGSS Standard	Primary Video Matches	Secondary / Possible Matches	Justification
MS-ESS1-1 Scale properties of solar system	Power of the Planets	Gravity & Orbits Storm on Saturn Density	Distinguishing planets, moons, comets, asteroids, and planetary formation processes.
MS-ESS1-2 Gravity in space	Gravity & Orbits	Gravity vs. Drag Storm on Saturn	“Gravity affects the orbit of objects in space” directly matches NGSS gravity expectations.
MS-ESS1-3 Solar system objects	Power of the Planets	Storm on Saturn Gravity & Orbits	Episode explicitly teaches identification of solar system objects.
MS-ESS2-1 Cycling of Earth’s materials & energy	Heat Transfer Hurricanes	Storm on Saturn	Atmospheric energy flow and water cycle processes match NGSS models.
MS-ESS2-4 Weather & climate interactions	Hurricanes Storm on Saturn	Heat Transfer	Weather driven by sunlight, atmosphere, and oceans aligns with NGSS climate interactions.
MS-ESS2-5 Weather patterns	Hurricanes Storm on Saturn	Heat Transfer	Air pressure, humidity, precipitation, temperature are all covered.
MS-ESS2-6 Weather & climate	Hurricanes	Storm on Saturn Heat Transfer	Long-term atmospheric patterns and energy drivers.