## Science 8 2024-2025

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Standard: Earth's System - MS-ESS1-4; MS-ESS2-1, 2, 3 and MS-ESS3-1, 2  Plate Tectonics	Standard: Weather and Climate - MS-ESS2-4, 5, 6; MS-PS3-4, MS-ESS3-2, 4, 5; ETS1-1, 2; PS3-4  Weather and Climate Systems (Smithsonian program ~46 days)  • Warming Earth's Surface • Water cycle • Air masses • Wind and air pressure • Ocean currents • Storms • Predicting weather* • Tracking severe storms • Climate and climate change  State Investigation: How's the Weather Up There? (December)  Standard: Space Systems - MS-ESS1-1, 2, 3  The Solar System • Geocentrism and heliocentrism • Features of inner and outer planets • Asteroids and comets • Meteoroids, meteors, meteorites	Standard: Structure and Properties of Matter - MS-PS1-1, 3, 4, 7, 8  Inside the Atom	Standard: Waves and Electromagnetic Radiation MS-PS4-1, 2, 3; MS-PS3-6  Electricity