



3rd 9 weeks Parent Syllabus – Grade 5 Science

Listed below are skills we expect your child to be able to perform and the vocabulary that will be used in the classroom both orally and written

Earth Science	I can Statements	Vocabulary
	<p><u>E.5.8A I can demonstrate and understand locations of objects in the universe.</u></p> <p>E.5.8A.1 I can develop and use models of Earth's solar system to demonstrate size, composition, location and order of the planets as they orbit the sun.</p> <p>E.5.8A.2 I can use evidence demonstrate why the sun appears brighter than other stars.</p> <p>E.5.8A.3 I can describe the appearance of constellations and how they move from Earth's perspective throughout the seasons.</p> <p>E.5.8A.4 I can construct arguments to support the importance of astronomy in navigation and exploration. I can describe the importance of telescopes, compasses, and star charts in navigation and exploration.</p> <p>E.5.8B.1 I can understand the appearance of the moon during different phases throughout a month over a course of the year.</p> <p>E.5.8B.2 I can develop and use models explain rotation, revolution and angle of sunlight.</p> <p>E.5.8B.4 I can obtain information and analyze how our understanding of the solar system has evolved over time</p> <p><u>E.5.10 I can demonstrate the understanding of how humans affect natural resources and how to protect them.</u></p> <p>E.5.10.1 I can collect and organize scientific ideas that humans can use to conserve Earth's natural resources and systems.</p> <p>E.5.10.2 I can design a process for better preparing communities to withstand manmade or natural disasters.</p>	<p>hypothesis, controlled experiment, variable, observation, inferences, prediction, purpose, conclusion, telescope, compass, satellite, star, gravity, asteroid, constellation, moon phases, lunar eclipse, solar eclipse, summer solstice, vernal equinox, autumnal equinox, winter solstice, new moon, waxing crescent, first quarter, waxing gibbous, full moon, waning gibbous, last quarter, waning crescent, planets, rotation, revolution, conservation, pollution, natural resource, renewable resource, nonrenewable resource, reuse, recycle, biodegradable waste, non-biodegradable waste</p>

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