

Pacing Guide At a Glance

Quarter	Month	Topic	Sci SOL	Suggested number of *Lessons	Target Date for Completion	LCPS Core Experience
1 st	Sept Oct	Scientific Investigation† Measurement, Scientific Method	5.1†	Ongoing	October 30, 2015	Classification of Rocks - CE Layers of the Earth – STEM Earthquakes - STEM Integrated Unit for first nine weeks Beach Erosion – STEM
		Changing Earth‡ 1.Changes to earth’s surface: Erosion, Weathering, Deposition 2.Plate tectonics: Volcanoes, Earthquakes, Mountain formation 3.Rock Cycle Igneous, Sedimentary, Metamorphic, Fossils	5.7‡	30		
2 nd	Nov Dec Jan	Ocean Environment Ocean Features, Salinity, Pressure, Currents, Tides, Ecology	5.6	15	January 28, 2016	Classifying Seashells -CE Investigating Ocean Animals – CE LOCO the Whale Shark GIS activity
		Cells and Organization of Living Organisms‡ Parts of cells, vascular/nonvascular, vertebrates/invertebrates, parts of a plant, ecology – human impact	5.5‡	15		
3 rd	Jan Feb Mar	Cells and Organization of Living Organisms continued	5.5‡	15	April 14, 2016	The Effect of Heat on the States of Matter – CE Superheroes, The Periodic Table - STEM
		Structure and Phases of Matter Solid, liquid, gas (temperature), Parts of an atom, Elements, Compounds, Solutions, Mixtures	5.4	15		
4 th	Apr May Jun	Light Reflection, refraction, opaque, transparent, translucent, speed of light, visible spectrum	5.3	10	June 14, 2016	Classifying The Effect of Light on Different Objects - CE Footprints – MWEE Would you want to be on this submarine? –Submarines - STEM
		Sound Wavelength/amplitude, Pitch/frequency, Absorption, speed through mediums	5.2	10		

Science SOL Review

*A lesson is approximately 30 minutes

† Scientific Investigation, Reasoning, and Logic (Science SOL 5.1) is reinforced throughout the year in all science lessons

‡Meaningful Watershed Experience Opportunity

CE – Core Experience EQ – Equipment Lesson

Essential Skills are listed with each SOL in the framework that follows.

All essential skills should be covered with the related SOL.