

Grade 6 – Accelerated Science Pacing Calendar

[Newsela: Seasonal STEAM Projects](#)

BOCES 4 Topic + Password

- Waves and Electromagnetic Radiation (gr 6-8) – Lens26

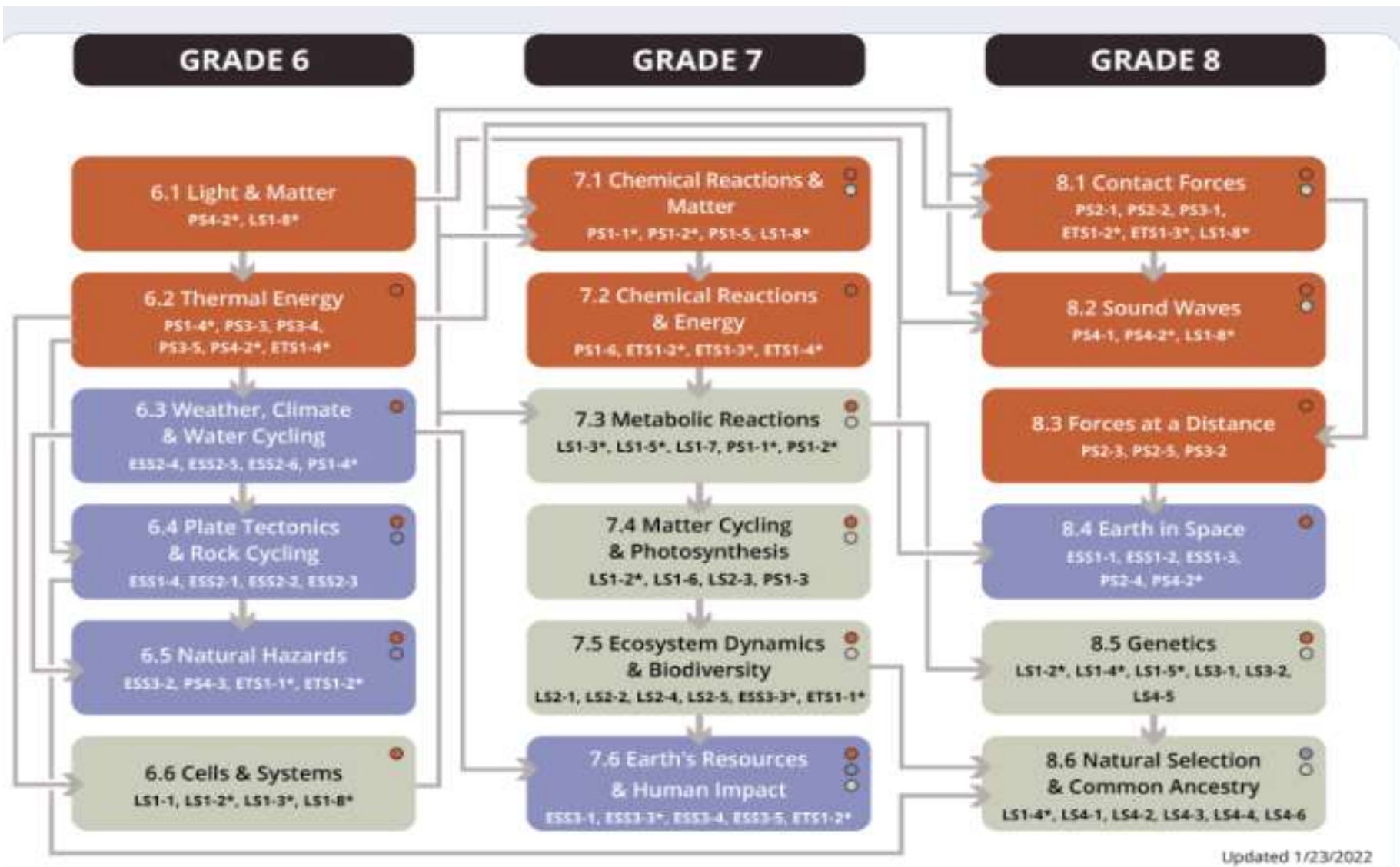
OpenSciEd Grade 6 Resources

	Week 1	Week 2	Week 3	Week 4
September	<p>Beginning of the Year Assessments</p> <p>Engineering Design Process</p> <p>Generation Genius: Engineering Design Process</p> <p>Newsela Link Lab Safety</p>	<p><u>Structure and Properties of Matter</u></p> <p>MS-PS1-1: Atomic Composition</p> <p>Generation Genius: Atoms + Molecules Particle Nature of Matter</p> <p>Model: MS-PS1-3: Synthetic Materials</p> <p>Generation Genius: Synthetic Materials</p> <p>Newsela Link:</p>	<p><u>Structure and Properties of Matter</u></p> <p>MS-PS1-4: Thermal Energy and Particle Motion</p> <p>Generation Genius: Intro to Thermal Energy</p> <p>OpenSciEd: 6.2 Thermal Energy</p> <p>Model: MS-PS1-7: Density of Matter</p> <p>Generation Genius: Properties of Matter</p> <p>OpenSciEd: 7.1 Chemical Reactions + Matter</p> <p>Newsela Link</p>	<p><u>Structure and Properties of Matter</u></p> <p>MS-PS1-8: Substances and Mixtures</p> <p>STEM Activity: Mystery Matter</p> <p>Newsela Link</p> <p>Toddle reflections</p> <p>Science Benchmark</p>
October	<p><u>Chemical Reactions</u></p> <p>MS-PS1-2: Chemical Properties and Reactions</p> <p>Generation Genius: Chemical Reactions</p>	<p><u>Chemical Reactions</u></p> <p>MS-PS1-5: Conservation of Atoms in Reactions</p> <p>Generation Genius: Conservation of Matter</p>	<p><u>Chemical Reactions</u></p> <p>MS-PS1-6: Thermal Energy Design Project</p> <p>OpenSciEd: Chemical Reactions + Energy</p>	<p><u>Chemical Reactions</u></p> <p>STEM Activity: Chemical Reactions Detectives</p> <p>Toddle reflections</p>

	Week 1	Week 2	Week 3	Week 4
	Newsela link	Newsela link	Newsela link	
November	STEM Projects	STEM Night November 13, 2025 Forces and Interactions MS-PS2-1: Newton's 3rd Law - Collision Design Solution Generation Genius: Newton's Laws of Motion OpenSciEd: 8.1 Contact Forces MS-PS2-2: Forces, Mass and the Motion of an Object Newsela Link	Forces and Interactions MS-PS2-3: Electric and Magnetic Forces Generation Genius: Electric + Magnetic Fields OpenSciEd: 8.3 Forces at a Distance MS-PS2-4: Gravitational Interactions Newsela Link	Forces and Interactions MS-PS2-5: Electric and Magnetic Fields Newsela Link STEM Activity: May The Force Be With You Toddle reflections
December	Energy MS-PS3-1: Kinetic Energy of an Object MS-PS3-2: Potential Energy of the System MS-PS3-3: Thermal Energy Transfer Solution Generation Genius: Potential + Kinetic Energy Newsela Link	Energy MS-PS3-4: Thermal Energy Transfer MS-PS3-5: Energy Transfer to or from an Object Generation Genius: Heat: Transfer of Thermal Energy Newsela Link	Energy MS-PS3-6: Electric Circuits Generation Genius: Electricity + Circuits STEM Activity: Energy in Action	Holiday Recess School Closed
January	Holiday Recess School Closed	Space Systems	Space Systems	Space Systems STEM Activity:

	Week 1	Week 2	Week 3	Week 4
		MS-ESS1-1: Earth-Sun-Moon System Generation Genius: The Solar System OpenSciEd: 8.4 Earth in Space MS-ESS1-2: Gravity and Motions in Space Generation Genius: Gravitational Forces Between Objects Newsela Link	MS-ESS1-3: Scale Properties in the Solar System Generation Genius: Causes of Seasons Newsela Link	Earth, Moon + Sun Newsela Link Toddle reflections
February	Movie Activity	Activity: Model the Solar System	Winter Recess School Closed	Trip: Cradle of Aviation
March	History of Earth MS-ESS2-2: Geoscience Processes at Varying Scales Generation Genius: Rock Layers (Geologic Time) Newsela Link Newsela Link	History of Earth MS-ESS2-3: Evidence of Plate Tectonics Generation Genius: Tectonic Plates OpenSciEd: 6.4 Plate Tectonics Newsela Link	History of Earth STEM Activity: Digging Through Time Newsela Link Toddle reflections	History of Earth STEM Activity: Digging Through Time Newsela Link
April	EARTH DAY PROJECTS	Spring Recess School Closed	EARTH DAY PROJECTS April 22, 2026	EARTH DAY CELEBRATIONS Toddle Reflections

	Week 1	Week 2	Week 3	Week 4
			Earth Day celebration Building Gallery Walk	
May	IB Projects	IB Projects	STEM Night May 19, 2025 IB Projects	IB Projects Toddle Reflections
June	End of year activities	End of year activities	End of year activities	End of year activities



Updated 1/23/2022

Unit Emphasis

- PHYSICAL SCIENCE PEs
- EARTH AND SPACE SCIENCE PEs
- LIFE SCIENCE PEs

*PE builds across multiple units

Prior PEs the Unit Builds on

- PRIOR PHYSICAL SCIENCE PEs
- PRIOR EARTH AND SPACE SCIENCE PEs
- PRIOR LIFE SCIENCE PEs

Unit Connections

