

The lessons within this program meet the following New Jersey Core Curriculum Content Standards.

Standard/Strand	Content Statement	Lesson 1	Lesson 2	Lesson 3
Science Practices: Understand Scientific Explanations	Gr. 3–4: Fundamental scientific concepts and principles and the links between them are more useful than discrete facts.	X	X	X
	Gr. 3–4: Outcomes of investigations are used to build and refine questions, models, and explanations.	X	X	X
	Gr. 5–8: Results of observation and measurement can be used to build conceptual-based models and to search for core explanations.	X	X	X
Science Practices: Generate Scientific Evidence Through Active Investigations	Gr. 3–4: Tools and technology are used to gather, analyze, and communicate results.	X	X	X
	Gr. 5–8: Mathematics and technology are used to gather, analyze, and communicate results.	X		X
Physical Science: Properties of Matter	Gr. 3–4: Some objects are composed of a single substance; others are composed of more than one substance.	X	X	
Earth Systems Science: Properties of Earth Materials	Gr. 3–4: Earth materials in nature include rocks, minerals, soils, water, and the gases of the atmosphere. Attributes of rocks and minerals assist in their identification.	X		
Earth Systems Science: Biogeochemical Cycles	Gr. 3–4: Most of Earth's surface is covered by water. Water circulates through the crust, oceans, and atmosphere in what is known as the water cycle.	X		
	Gr. 5–6: Personal activities impact the local and global environment.	X	X	X
	Gr. 5–8: Investigations of environmental issues address underlying scientific causes and may inform possible solutions.		X	X