

Geoscience Lesson plans and the NJCCCS

Lesson	Grade	NJCCCS
Plants and seeds	1-3	5.5 2 B.1 Characteristics of Life-Recognize that different types of plants and animals live in different parts of the world
The Ocean		5.8.4.D.1 Use maps to locate and identify physical features on the Earth.
The Earth (power point)		5.8 Earth Science. All students will gain an understanding of the structure, dynamics, and geophysical systems of the Earth.
Scientific Method (power pt, use with lesson)	5-8	5.1 Scientific Processing - All students will develop problem solving, decision making, and inquiry skills, reflected by formulating useable questions and hypotheses, planning experiments, conducting systematic observations, interpreting and analyzing data, drawing conclusions, and communicating results.
Waves (information sheet)	5-8	5.8 6.B.1. Earth Science- Describe the composition, and distribution of the world's oceans, estuaries, and marine environments.
Writing a conclusion	5-8	5.1 B.3 Scientific Processes- Collect, organize, and interpret the data that results from experiments.
Scientific Method- Observations	5-8	5.1 4 A.2 Scientific Processes- keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later. 5.1.8 B.1 Scientific

		Processes- Inquiry and Problem Solving-Identify questions and make predictions that can be addressed by conducting investigations.
Hazardous Weather Education	7-8	5.8 B.1 Earth Science- Describe conditions in the atmosphere that lead to weather systems and how these systems are represented on weather maps.
Ice Scream, You Scream, We all scream for ice cream science lesson and Explaining Salt and Ice information sheet	4-6	5.6 A.3 Physical Science- Chemistry-Recognize that water, as an example of matter can exist as a solid, liquid, or gas and can be transformed from one state to another by heating or cooling. 5.6 A.4 Measure characteristic physical properties such as boiling point, melting point, and solubility, and recognize that the property is independent of the amount of sample.



All information provided in this and other documents is strictly for educational use and distribution. CESE and KU claim no liability or ownership of these products and offer no guarantee as to their effectiveness or their application.