



HEAT AND PRESSURE: LESSON 1

Teacher

VIDEOQUEST

SUBJECTS: English Language Arts, Science

SKILLS: Vocabulary Acquisition

MATERIALS

- Computer/Tablet/Phone
- VideoQuest Student Sheet: Pages 1-3 of Discovery Journal

COMMON CORE STATE STANDARDS (CCSS)

ENGLISH LANGUAGE ARTS

- 3.RI.4** Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 3 topic or subject area.
- 3.RI.7** Use information gained from illustrations and the words in a text to demonstrate understanding of the text.
- 3.RF.3** Know and apply grade-level phonics and word analysis skills in decoding words.

SCIENCE (OHIO LEARNING STANDARDS)

- 3.ESS.1** Earth's nonliving resources have specific properties.

ESSENTIAL QUESTIONS

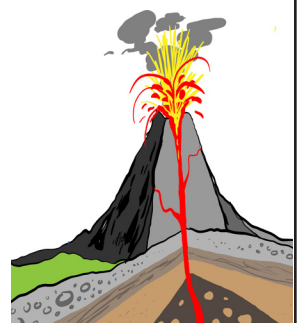
1. What strategies and resources do learners use to figure out unknown vocabulary?
2. How do I use context clues to understand the meaning of a word or phrase?
3. What are the properties of non-living resources?

I CAN STATEMENTS (LEARNING OBJECTIVES)

1. I can define words that are specific to the formation of rocks.
2. I can use various sources to build my vocabulary and help me understand what I read and hear.
3. I can identify various nonliving resources based on their properties.

LINKS

- **Slug Science Journeys Homepage** <https://www.miamicountyparks.com/node/1252>
- **Heat and Pressure Video** <https://vimeo.com/branch/review/415312539/1fc46e99a3>



ACTIVITY

VideoQuest

Students will use the Heat and Pressure SLUG SCIENCE JOURNEY video featuring the Banana Slug String Band to complete a VideoQuest. The VideoQuest requires the students to view the video to find the definitions of key vocabulary words. The students will record their answers on the student sheet.

DIFFERENTIATION

There are 2 versions of the student sheet: One contains the time on the video where the answer can be found, the other is a more challenging version without the timestamps.

EVIDENCE OF ACTIVITY

Students will complete the student sheets on pages 1-3 of the Discovery Journal.