

<p>EMERGENCY CLOSING LEARNING PLAN</p> <p>EARTH SCIENCE</p> <p>TEXTBOOK LOGIN INFORMATION</p>	
RESOURCES	ACTIVITIES TO CONSIDER
Notes, textbook, local newspaper, https://www.almanac.com/astronomy/moon/calendar	Keep a journal (this could be a single sheet of paper) in which you sketch the phase of the moon overhead each evening. Identify the name of the phase.
Notes, textbook https://www.exploratorium.edu/ronh/solar_system/	On a single sheet of lined paper, draw a scale model of the 8 planets of our solar system. The top edge of the paper represents the surface of the sun, which you do not have to include. Planets should be drawn to scale, and the distance from the sun should be to scale. Label each planet.
Notes, textbook	Answer the following questions: 1. Why don't lunar eclipses occur at every new moon? 2. During a solar eclipse, where are the sun, the earth, and the moon? Include a simple sketch. 3. During spring tides, where are the sun, the earth, and the moon? Include a simple sketch.
Notes, textbook https://geology.com/minerals/what-is-a-mineral.shtml	Draw a Venn diagram in which you compare and contrast any two minerals that interest you. The Venn diagram must include a minimum of five characteristics for each mineral.
Notes, textbook	Starting with a volcanic eruption, sketch a cartoon in which magma goes through the rock cycle and eventually becomes a sedimentary rock like sandstone. Include names of processes!
Notes, textbook https://study.com/academy/lesson/how-to-design-an-experiment-lesson-for-kids.html	Design an experiment to test whether vinegar can dissolve quartz. Write a paragraph in which you identify the independent variable, the dependent variable, constants, and a control group.
Notes, textbook https://www.universetoday.com/18847/life-of-the-sun/	Our sun is a star that is about halfway through its life cycle. Describe the stages it has gone through already, and the stages it will undergo in the future. What is its ultimate destiny?
Textbook p. 15	Observe the topographic map on page 15 of your textbook. Compare and contrast the Spruce Lake Bog National Landmark and Dundee Mountain. What do the contour lines represent? About how wide (in km) is Spruce Lake at its widest point east to west?