**These activities MUST be completed within one week.**

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| **Minerals*****LG:*** I canidentify the physical properties of common earth-forming minerals, including hardness, color, luster, cleavage, and streak color, and recognize the role of minerals in the formation of rocks. |

**Reading Partner Learning:**

[**BrainPop: Mineral Identification**](https://www.brainpop.com/science/earthsystem/mineralidentification/)

* Watch the video and complete page 9 in your Geologist Log.
* Take the quiz when you’re finished. (20 mins)

**Informational Text**: Read ScienceSaurus “Minerals” p160-163, and Complete “Apply Concepts” p10 in your Geologist Log. (20 mins)

[**Online Inquiry Lesson: What are Properties of Minerals?**](https://www-k6.thinkcentral.com/content/hsp/science/fusion/pangeatools_na/player/player.html?los=G4_EI_00013-PU-INV&grade=4&userType=teacher&viewMode=browse)

* Complete the digital lesson. (30 mins)

**Individual Learning:**

**FUSION TEXT:** Complete “What are Minerals?” p 123 – 130. (20 mins)

**EdPuzzle: Rocks and Minerals**

* Watch the EdPuzzle on rocks and minerals, answer the questions during each stopping point. (20 mins)

**Individual Practice**

**Geologist Log, page 5**. Complete the page using all the resources you have.

[**Go to Quizzizz**](https://quizizz.com/join/)**:** What are Minerals?

* Use this code to join: 953540
* Complete the timed quiz. Rememberthat you get points for answering questions quickly and accurately. It’s you against your peers! Good Luck! (20 mins)

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| **Classification of Rocks****LG**: I can identify the three categories of rocks and the processes they go through during the rock cycle. |

**Reading Partner Learning:**

**Choose 1**

*Read Sciencesaurus: Earth Structures p160 – 169*.

* Use the information from the text to add additional notes to your Geologist Log.
* Draw one example of each type of rock (igneous, metamorphic, sedimentary) in your Geologist Log bottom of p. 13. You may use color pencils or crayons. (30 mins)

**OR**

*Read Fusion Text “How Can Rocks be Classified” p135 – 145.*

* Use the information from the text to add additional notes to your Geologist Log.
* Cut out a picture of each type of rock (igneous, metamorphic, sedimentary) and glue in your Geologist Log bottom of p. 13 (30 mins).

[Activity: The Rock Cycle](http://www.harcourtschool.com/activity/science_up_close/506/deploy/interface.swf)

* Go through the process of the rock cycle and see how rocks can change over time.
* Take notes in your Geologist Log p. 13 and 18

**Individual Learning:**

Read the article [Solid as a Rock](https://drive.google.com/file/d/0B_RyF9kctUHMNGxMOWVianFkNVk/view), either digitally or on paper.

* Take notes in your Geologist Log p.

[BrainPop: Types of Rocks](https://www.brainpop.com/science/earthsystem/typesofrocks/)

* Watch the video and complete page 14 – 15 in your Geologist Log.
* Take the quiz when you’re finished. (20 mins)

**Individual Practice:**

Complete pages 17 & 18 in your Geologist Log.

* Directions are along the left and right margins. (20 mins)

**Probes 21 & 22** – Complete and turn in! This is like a quiz, do it on your own after you have done your learning! (20 mins)