Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_

**EH INVESTIGATION 1-1: EARTH IS ROCK**

**CLASS DISCUSSION GUIDE**

1. Are the plants and animals we know on Earth today the same ones that were around millions of years ago? What makes you think this?

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1. What, if any, events have happened to Earth a long time ago that might have changed its surface?

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1. Since there were no people around to observe these animals, plants, and events, how does anyone know that they really happened?

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***Science ROCKs!***

***Study the rock your teacher gave you. Almost all of what we know about what happened on earth before there were people around to see and record it comes from evidence found in rocks just like this one. This rock, like all rocks, holds clues to Earth’s history…if you know how to find and interpret the evidence.***

1. What questions would you ask to gather data about this rock and what it can tell us about Earth history?

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1. Make a sketch of your rock. Be sure to shade it to show differences in appearance. Show details of the outside shape but also the surface of the rock. BE DETAILED!
2. Fill out the following chart for the Landform Vocabulary.

|  |  |  |
| --- | --- | --- |
| **Word** | **What I think it means** | **Standard Definition** |
| Landform |  |  |
| Clouds |  |  |
| Mountain |  |  |
| Glacier/Ice |  |  |
| Canyon |  |  |
| Plateau |  |  |
| Valley |  |  |
| Lake |  |  |
| Island |  |  |
| Desert |  |  |
| River/Stream |  |  |
| Dune |  |  |
| Floodplain |  |  |
| Meander |  |  |
| Plain |  |  |
| Delta |  |  |
| Beach |  |  |
| Ocean |  |  |