

Use the textbook pgs. 239 and 240

of the geologic \_\_\_\_\_. Figure 1 shows how each \_\_\_\_\_ of rock can \_\_\_\_\_ any \_\_\_\_\_ type of \_\_\_\_\_ through the rock \_\_\_\_\_. For example, \_\_\_\_\_ rock can \_\_\_\_\_ to form \_\_\_\_\_. \_\_\_\_\_ rock forms when magma \_\_\_\_\_. \_\_\_\_\_ rock forms when \_\_\_\_\_ type of \_\_\_\_\_ rock \_\_\_\_\_ into another type of rock because of \_\_\_\_\_ or \_\_\_\_\_ changes. \_\_\_\_\_ rock is the kind of rock that forms from \_\_\_\_\_ of other \_\_\_\_\_ of rocks. \_\_\_\_\_ rocks are the most \_\_\_\_\_ rocks for \_\_\_\_\_ dating.

### p.239 Weathering, Erosion, and Deposition

When rocks are \_\_\_\_\_ on Earth's \_\_\_\_\_, they can be \_\_\_\_\_ down into \_\_\_\_\_ pieces, or \_\_\_\_\_. Rocks can be \_\_\_\_\_ when \_\_\_\_\_ processes \_\_\_\_\_ and \_\_\_\_\_ the rock. \_\_\_\_\_ weathering can take \_\_\_\_\_ as rock \_\_\_\_\_ reacts with \_\_\_\_\_ or \_\_\_\_\_. Through \_\_\_\_\_, all \_\_\_\_\_ rock types can \_\_\_\_\_ down to form \_\_\_\_\_. Sediment is \_\_\_\_\_ of rock \_\_\_\_\_, material \_\_\_\_\_ in water, and sometimes, \_\_\_\_\_ debris. \_\_\_\_\_ is the process that moves \_\_\_\_\_ from one \_\_\_\_\_ to \_\_\_\_\_. Water, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ can cause \_\_\_\_\_. Eventually, sediment is \_\_\_\_\_ in a new \_\_\_\_\_. \_\_\_\_\_ is the process in which \_\_\_\_\_ is \_\_\_\_\_ down or \_\_\_\_\_. Because the sediment is \_\_\_\_\_ when it is \_\_\_\_\_, it \_\_\_\_\_ into relatively \_\_\_\_\_ layers. A \_\_\_\_\_, flat layer of \_\_\_\_\_ rests on \_\_\_\_\_ of whatever \_\_\_\_\_ or other \_\_\_\_\_ is already in \_\_\_\_\_. So, new \_\_\_\_\_ of \_\_\_\_\_ rock are \_\_\_\_\_ always \_\_\_\_\_. The results of \_\_\_\_\_ and \_\_\_\_\_ in Death Valley in California are shown in Figure 2.

### Formation of Sedimentary Rock

After \_\_\_\_\_ sediment is deposited, it may be \_\_\_\_\_, or \_\_\_\_\_ into \_\_\_\_\_ rock. In this process, the \_\_\_\_\_ is \_\_\_\_\_ and the \_\_\_\_\_ of sediment are \_\_\_\_\_ together. Fossils form if biological \_\_\_\_\_ or a trace of \_\_\_\_\_ activity \_\_\_\_\_ in a \_\_\_\_\_. The \_\_\_\_\_ are a record of the \_\_\_\_\_ of \_\_\_\_\_ that \_\_\_\_\_ where the sediment was \_\_\_\_\_. And the type of \_\_\_\_\_ that \_\_\_\_\_ with a fossil can give \_\_\_\_\_ about the \_\_\_\_\_ in which the organism \_\_\_\_\_.

The \_\_\_\_\_ of rock that \_\_\_\_\_ in any \_\_\_\_\_ depends on \_\_\_\_\_ conditions. So, \_\_\_\_\_ single rock \_\_\_\_\_ is found in \_\_\_\_\_ areas of Earth. And during any one \_\_\_\_\_ of geologic \_\_\_\_\_, many types of \_\_\_\_\_ were forming in \_\_\_\_\_ areas of Earth. Therefore, \_\_\_\_\_ single \_\_\_\_\_ or \_\_\_\_\_ of an area can \_\_\_\_\_ the geologic \_\_\_\_\_ for \_\_\_\_\_ of Earth.

**Figure 2** These mountains in Death \_\_\_\_\_ have been \_\_\_\_\_, and the \_\_\_\_\_ has been \_\_\_\_\_. The sediment has been \_\_\_\_\_ in a \_\_\_\_\_ layer below the \_\_\_\_\_.

7.3.c Students know how independent \_\_\_\_\_

7.4.c Students know that the rock cycle \_\_\_\_\_

p240 **Figure 3** These rock layers are in \_\_\_\_\_ Canyon in California. Rock \_\_\_\_\_ are like pictures \_\_\_\_\_ over time-the \_\_\_\_\_ ones are at the \_\_\_\_\_ of the stack over the \_\_\_\_\_ ones.