

AGE OF SEDIMENTARY ROCK

Directions – Use the amazing model of a sedimentary rock core and use the information provided to discover the age of the sample.

1. Describe the principle of superposition.
2. The yellow paper is a model of a rock core made entirely of sedimentary rocks. As you observe the model, are all of the rocks the same? Explain your answer. (Full points for full sentences)

It takes time for different types of sedimentary rocks to form, some longer than others. Use the Key provided by the teacher to complete the following.

3. List the sedimentary rock types that are found in the core sample.
4. Why do you think scientists would need to add more time to the youngest rock layer?
5. Use the key provided by the teacher to figure out (in years) how many years it took this core rock sample to form. Use the space below and a calculator to help you find the answer.