



Roger Bryant Sedimentary Geochemist

As a sedimentary geochemist, Dr. Roger Bryant analyzes the chemical composition of sedimentary rocks. This research helps scientists obtain information about environmental conditions at the Earth's surface at the time the rocks were formed.

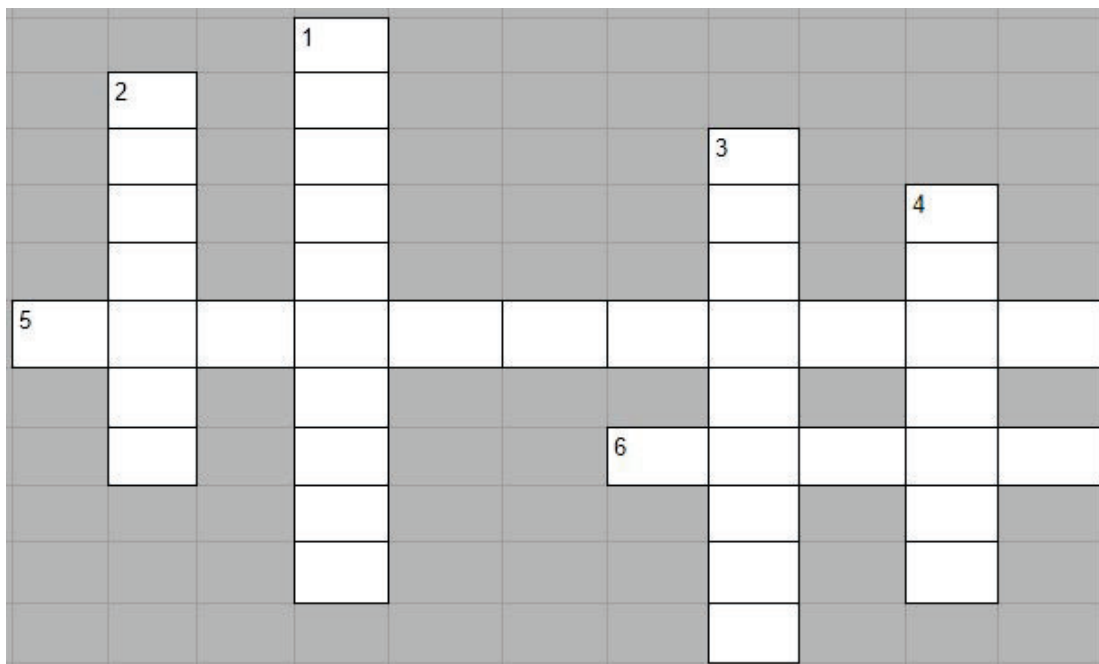
Information such as surface temperature and pH of the ocean can be determined by measuring the chemical composition of sedimentary rocks.

These techniques can also be applied on other planets as a way to help scientists learn about past environments.

Sometimes there are no set protocols for interpreting the data that gets collected. Creativity is a valuable attribute that can help with both interpreting and visualizing data.

- ACROSS**
5. These specific rocks contain records of environmental conditions at the time they were formed.
 6. The pH of the _____ could be determined from a sedimentary rock.

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1. This is a valuable attribute that can help with interpreting data.
2. Studying sedimentary rocks can help scientists learn about other _____.
3. Sometimes there are no set _____ for interpreting data.
4. Scientists want to know about conditions on the Earth's _____.