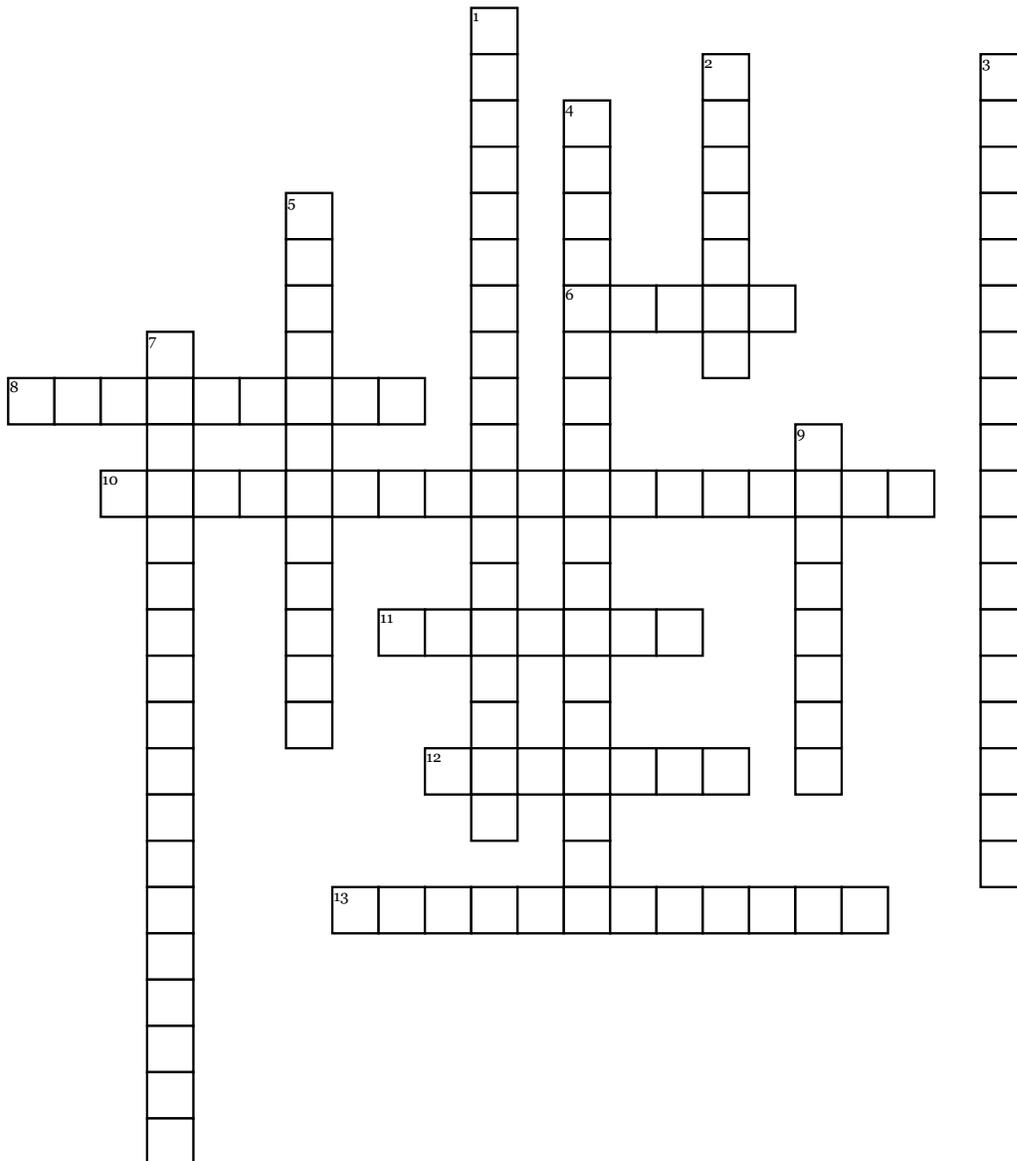


Vocabulary Set #7: 8th Grade Integrated Science - Messina B8



Across

6. A break or crack in Earth's crust along which rocks shift their position.

8. The rings in tree trunks that are tools for studying the past.

10. The decay of an atom of one element to form another element.

11. A tubular sample that shows the layers of snow and ice that have built up over thousands of years.

12. Atoms of the same element that have different numbers of neutrons.

13. A chemical analysis that determine the age of organic materials based on their content of the radioisotope carbon-14.

Down

1. A mass of igneous rock that forms when magma is injected into rock.

2. Traces of remains of living things from long ago.

3. The actual age of an event or object.

4. In undisturbed rock, the oldest is at the bottom and the youngest is at the top.

5. Gaps in a sequence of rock layers, resulting from erosion or a lack of new deposition, or both.

7. The age of an event or object in relation to other events or objects.

9. The length of time it takes for half of the atoms in a sample of a radioactive element to change from an unstable form into another form.