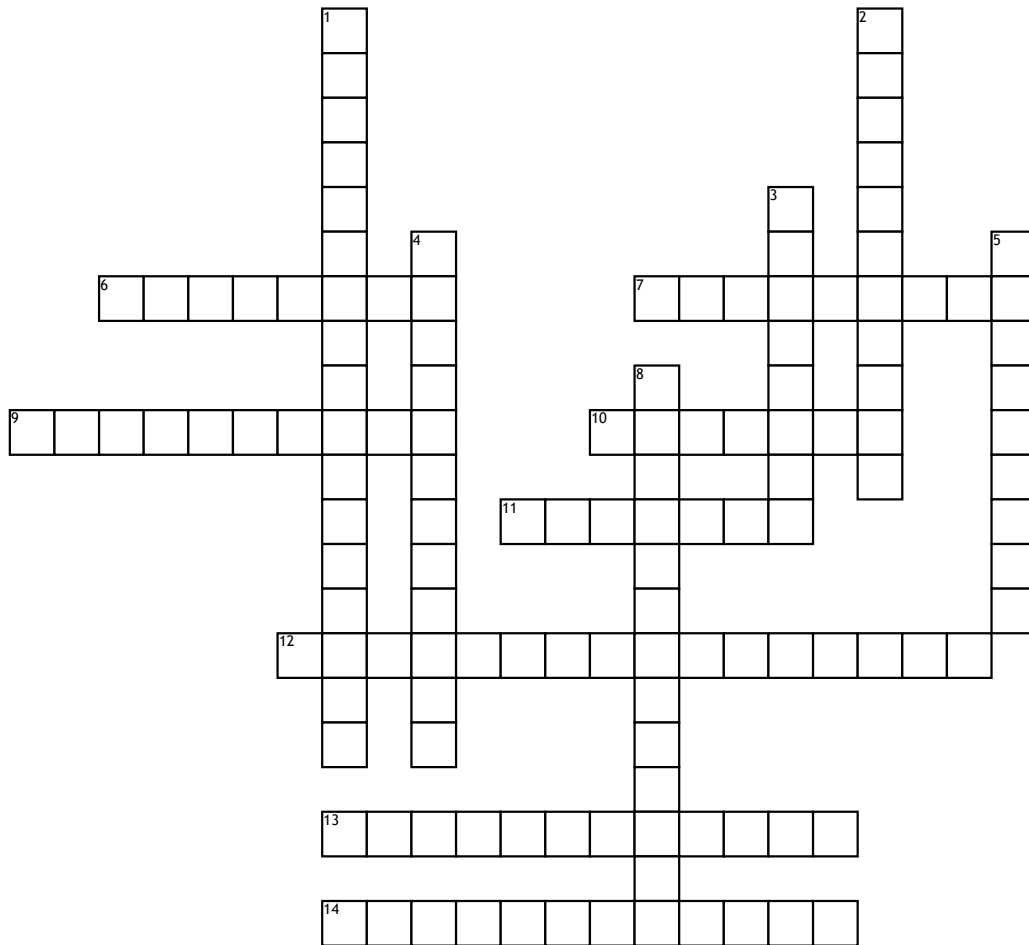


# Vocabulary lesson 1 and 2



## Across

6. When bits of sediment carried by the wind strike other rocks, slowly weathering and reshaping them.  
 7. When wind carries bits of sediment as it blows across land.  
 9. A sedimentary rock structure in which thin layers, or laminae are recognizable.  
 10. The very distinct boundaries of sedimentary rock layers found within the geologic column that do not blend gradually into one another.  
 11. One of two or more atoms of the same element that have the same number of protons but different numbers of neutrons.

12. The process in which unstable isotopes, or parent isotopes, break down into other isotopes.

13. The continual burrowing activity of creatures that live within sediment.  
 14. Landslides, mudslides, and rock falls.

## Down

1. The dates associated with the geologic column that relate life forms to geologic events in Earth's history.  
 2. The geologic age of a fossil geologic structure or event expressed in units of time, usually in years.  
 3. The time it takes for one half of the amount of an unstable isotope, or parent isotope, to decay into daughter isotopes.

4. An event where the process of deposition in an area stops for a period of time and the layers of rock that had been formed are eroded before deposition starts again, leaving a gap in the geologic record.

5. The rock that is formed as magma is pushed up into cracks or spaces in the existing rock.

8. One of several slabs in Earth's solid lithosphere that floats on top of the molten asthenosphere.

## Word Bank

- |                     |                   |                |              |
|---------------------|-------------------|----------------|--------------|
| geologic time scale | abrasion          | isotope        | unconformity |
| half-life           | radioactive decay | tectonic plate | deflation    |
| mass movement       | lamination        | bioturbation   | absolute age |
| intrusion           | bedding           |                |              |