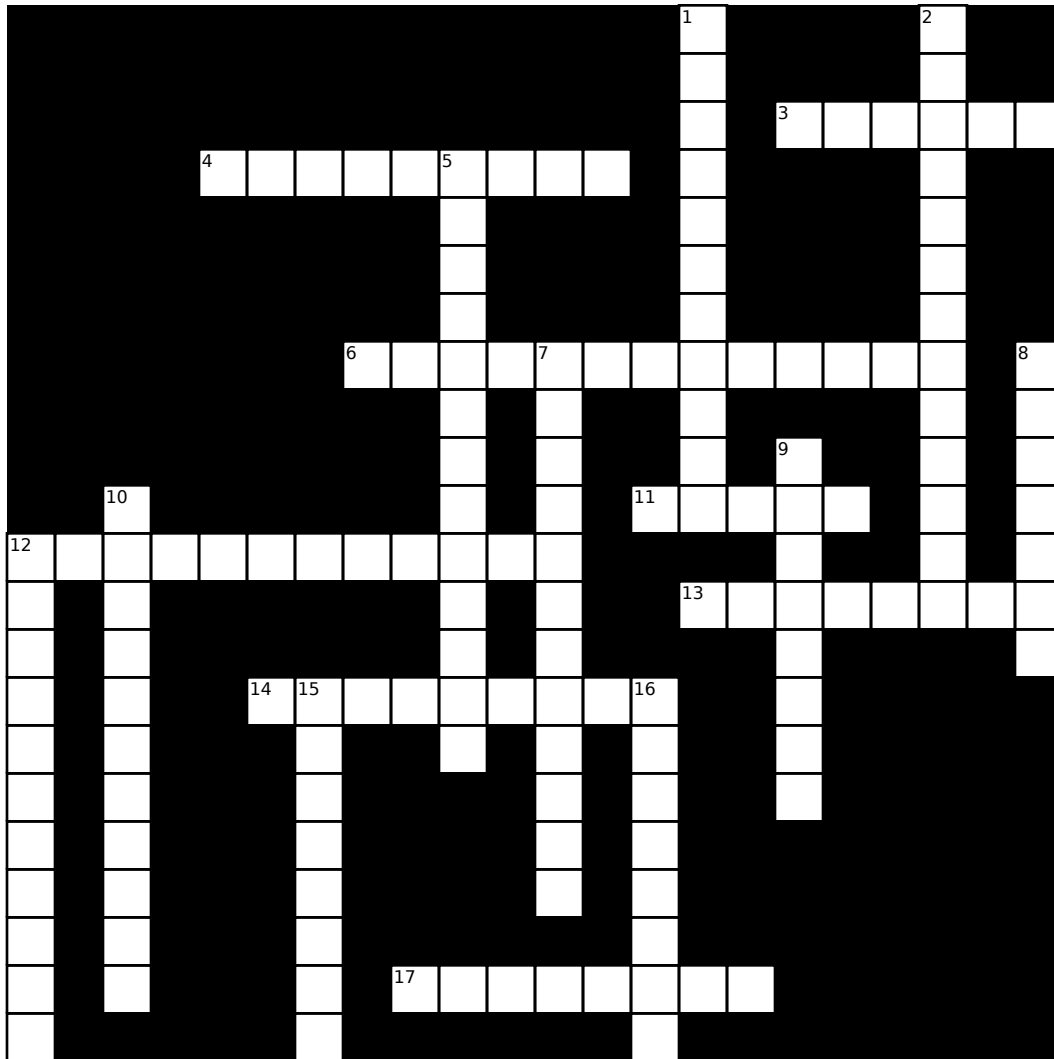


# Geology Crossword Puzzle

Brad Langdale

A puzzle for Unit C in the Alberta Science 20 course.



## Across

- 3 the layers in sedimentary rock
- 4 a crack filled with cooled lava that violates the law of superposition
- 6 \_\_\_\_\_ sequence. The pattern in which strata are arranged.
- 11 \_\_\_\_\_ fossils are used for determining relative age of a layer in a stratigraphic sequence.
- 12 layers of calcium carbonate left behind by cyanobacteria
- 13 \_\_\_\_\_ Earth. Description for the long-term ice age that gripped the Earth for 10 million years
- 14 the second oldest geological era
- 17 \_\_\_\_\_ dating. Allows one to tell which strata is older, which is younger, by comparison.

## Down

- 1 the first geological era
- 2 single-celled bacteria that convert carbon dioxide and water to oxygen
- 5 Law of \_\_\_\_\_.
- 7 stromatolites are examples of this
- 8 evidence or remains of ancient life
- 9 the third oldest geological era
- 10 (one word) a large collection of index fossils spanning the entire age of the Earth.
- 12 this type of rock is formed from compressed layers of rock or organic material
- 15 \_\_\_\_\_ dating. Allows one to determine the actual age of a strata or fossil.
- 16 the most recent geological era