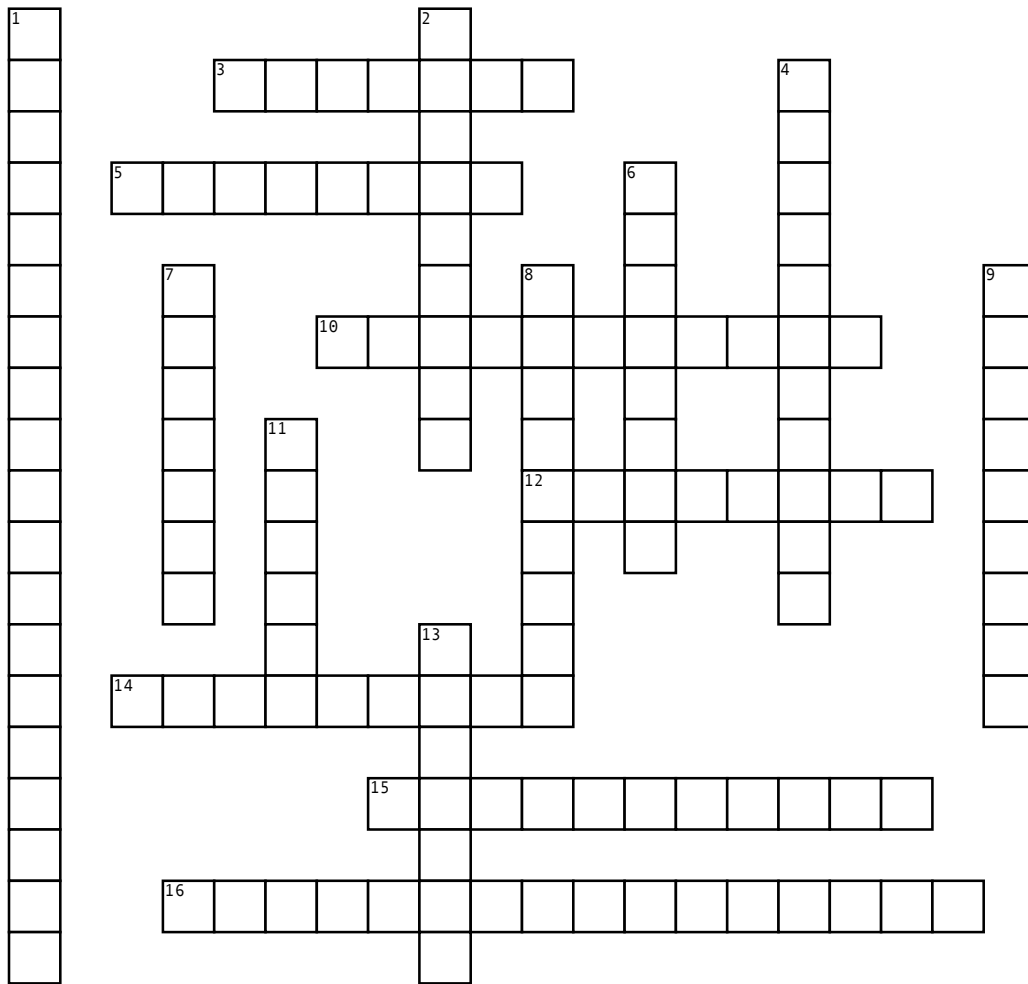


# Earth's Materials



**Across**

3. (coal) rock formed from the remains of plant & animal deposits

5. The way a mineral looks when it breaks apart in an irregular way

10. a type of metamorphic rock without parallel bands

12. The way a mineral looks when it breaks apart in an irregular way

14. fine-grained igneous rock that forms when magma cools quickly at or near Earth's surface

15. Rocks that undergo a physical change due to extreme heat and pressure

16. The total 3D arrangement of particles of a crystal.

**Down**

1. The elements that make up a substance

2. Not formed from living things or the remains of living things; minerals

4. rock formed from erosion, deposition, compaction or cementation which sometimes results in layers

6. describing metamorphic rock with parallel bands

7. A type of rock that forms from the cooling of molten rock at or below the surface.

8. the series of processes that change one type of rock into another type of rock

9. Rock that forms from magma cools slowly below Earth's surface

11. The way a mineral reflects light

13. a naturally occurring, inorganic solid that has a crystal structure and a definite chemical composition

**Word Bank**

Cleavage	nonfoliated	Mineral	Chemical Composition
Organic	Luster	Igneous	extrusive
Rock cycle	Sedimentary	Inorganic	foliated
Fracture	metamorphic	Crystal Structure	intrusive