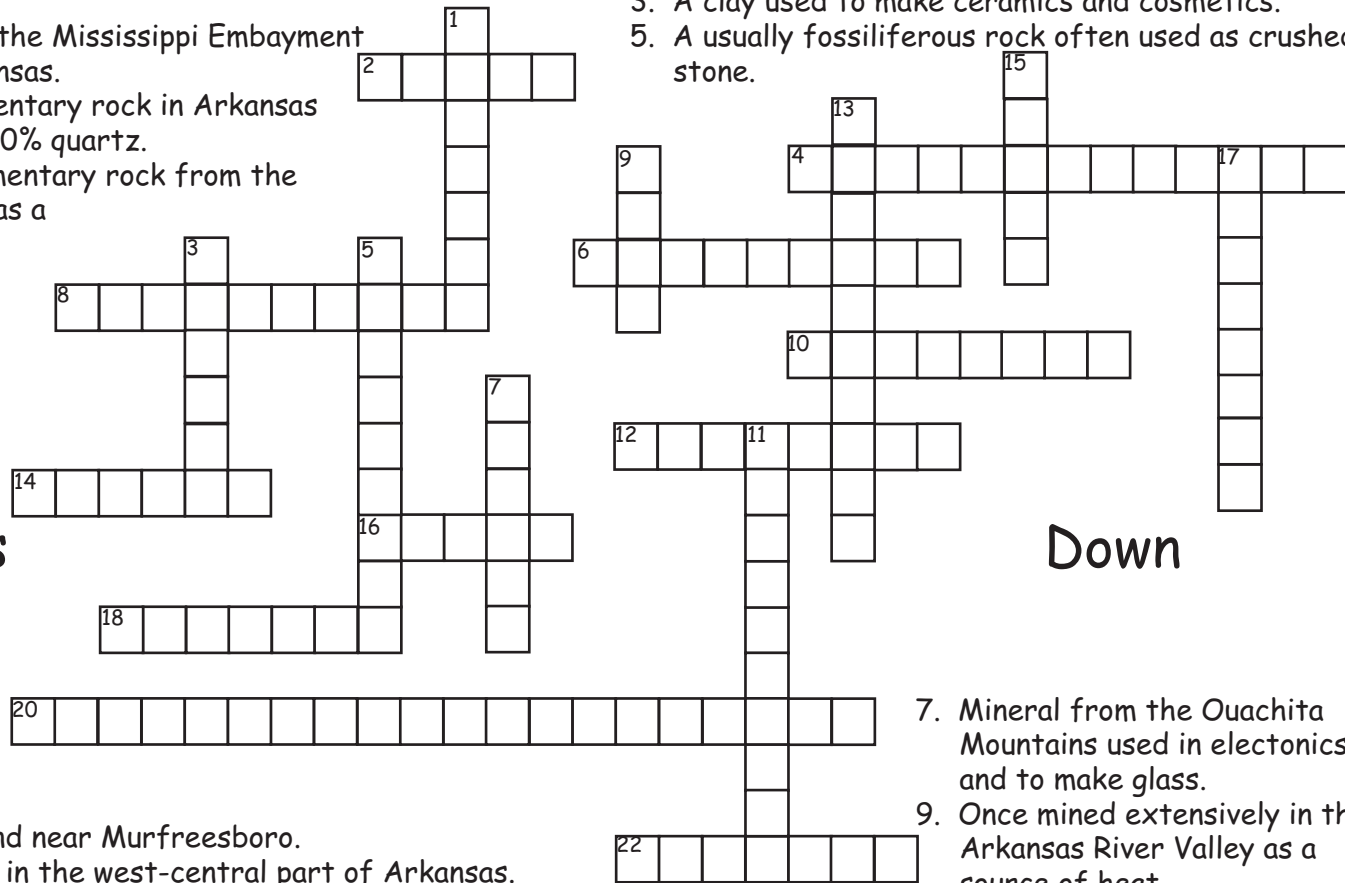


# Arkansas Geology Crossword Puzzle

Use your rock bag descriptions and the Geologic Map of Arkansas

2. A soft variety of limestone that can be used to make cement.
4. Famous ridge in the Mississippi Embayment of eastern Arkansas.
6. Abundant sedimentary rock in Arkansas made up of 85-90% quartz.
8. A siliceous sedimentary rock from the Ouachitas used as a whetstone.

1. The principal ore of aluminum.
3. A clay used to make ceramics and cosmetics.
5. A usually fossiliferous rock often used as crushed stone.



Across

Down

10. Gemstones found near Murfreesboro.
12. Mountain range in the west-central part of Arkansas.
14. The principal ore of lead.
16. Hilly region in the northern part of our state.
18. An igneous rock, similar to granite, often used as rock aggregate.
20. Yellow and orange region in eastern Arkansas that contains Crowley's Ridge.
22. The remains of once living organisms.

7. Mineral from the Ouachita Mountains used in electronics and to make glass.
9. Once mined extensively in the Arkansas River Valley as a source of heat.
11. The age of the rocks in the green areas on the Geologic Map of Arkansas.
13. The age of the rock in the reddish areas on the Geologic Map of Arkansas.
15. The material that caps the southern portion of Crowley's Ridge.
17. "Terrible lizard" found near Lockesburg.

## Key

### Down

1. bauxite
3. kaolin
5. limestone
7. quartz
9. coal
11. Cretaceous
13. Ordovician
15. loess
17. dinosaur

### Across

2. chalk
4. Crowley's Ridge
6. sandstone
8. novaculite
10. diamonds
12. Ouachita
14. galena
16. Ozark
18. syenite
20. Mississippi Embayment
22. fossils