



- aquifer
- basin and range
- canyon
- core
- crust
- erosion
- feldspar
- garnet
- geology
- gneiss
- igneous
- intrusion
- magnetite
- mantle
- metamorphic
- mica
- quartz
- rock
- sedimentary
- weathering

Across

- 2. rock hardened by heat and pressure
- 6. magma pushes up into Earth's crust and cools to form granite
- 9. study of the Earth
- 10. rocks broken down into smaller and smaller pieces. can be caused by water freezing in cracks, or plant roots wedging rocks apart, etc.
- 11. formation underground that contains water and water moves through it
- 13. white to pink colored mineral with flat sides, that reflects light
- 15. mineral with flat, see-through sheets
- 17. wearing away mountains and rock by rain and wind
- 18. dark red gem-like mineral
- 19. innermost part of the Earth
- 20. rigid outer layer of Earth

Down

- 1. layers of weathered pieces of rock; example sandstone, limestone
- 3. deep v-like area between mountains
- 4. solid combination of 1 or more minerals
- 5. black, heavy magnetic mineral
- 7. lower areas (Tucson) between higher mountains (Catalina's) - 2 words
- 8. Catalina mountains metamorphic rock
- 12. white mineral that sparkles, and light will pass through it
- 14. region between crust and core of the Earth
- 16. called 'fire rock' because it forms from molten rock