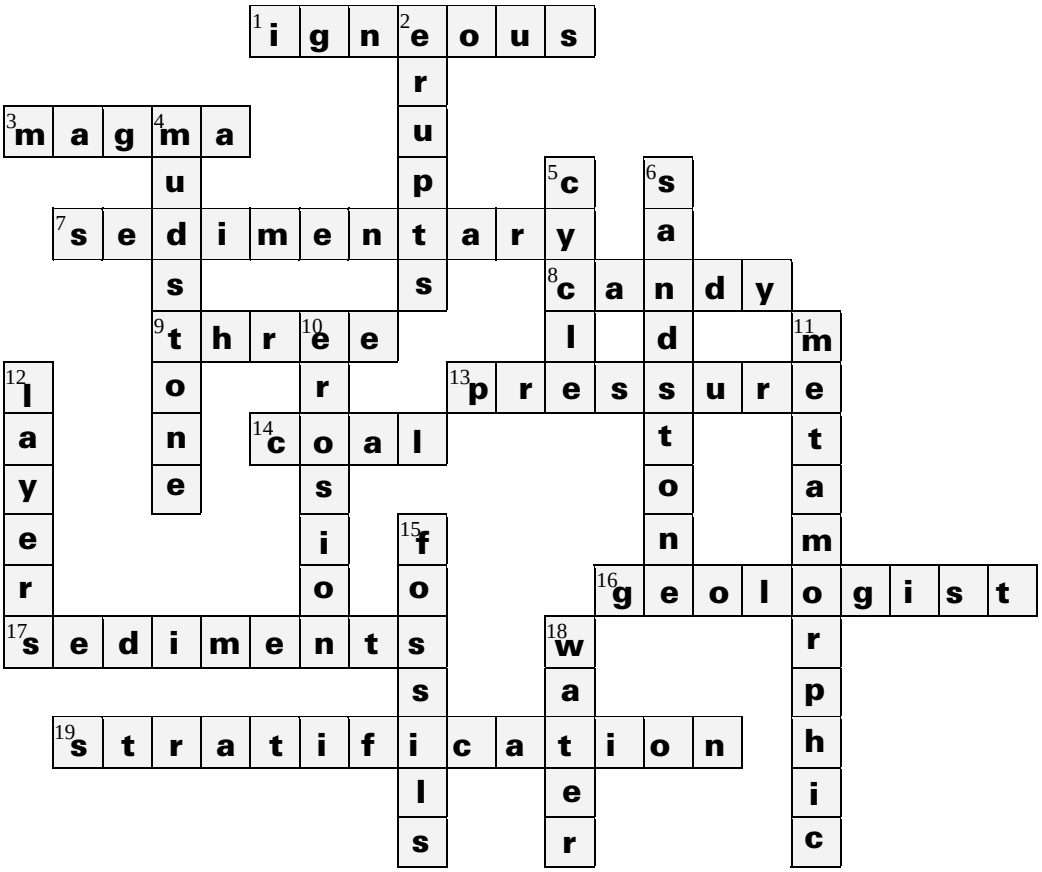
GEOLOGY CROSSWORD

Recommended for Grades 3-5

Palaeontologists need to understand how rocks are formed if they are going to understand the fossils found within them. This activity reviews the basic rock types and parts of the rock cycle.



Across

1. The name of this basic rock type is derived from the Latin word for 'fire'.
3. Molten rock under the surface of the Earth is called _____.
7. Fossils are usually found in _____ rocks.
8. Sweet treat that sometimes comes in 'rock' form.
9. There are _____ basic rock types.
13. Metamorphic rocks are formed by heat and _____.
14. This sedimentary rock is a 'fossil fuel'.
16. A person who studies rocks and minerals is called a _____.
17. Sedimentary rocks are made of tiny pieces called _____.
19. Layers of sedimentary rock are referred to as _____.

Down

2. When lava explodes from a volcano, we say that it _____.
4. This sedimentary rock forms from mud.
5. Rock changing from one basic rock type to another is called the 'rock _____.'
6. This sedimentary rock forms from sand.
10. Water, wind, ice and heat, break down rocks in a process called _____.
11. The name of this basic rock type means "to change" or "to transform".
12. You can tell a hill is made of sedimentary rock because it has formed in _____.
15. Traces or remains of ancient life found inside rocks are called _____.
18. Weathering of rocks is most often caused by _____, wind and ice.