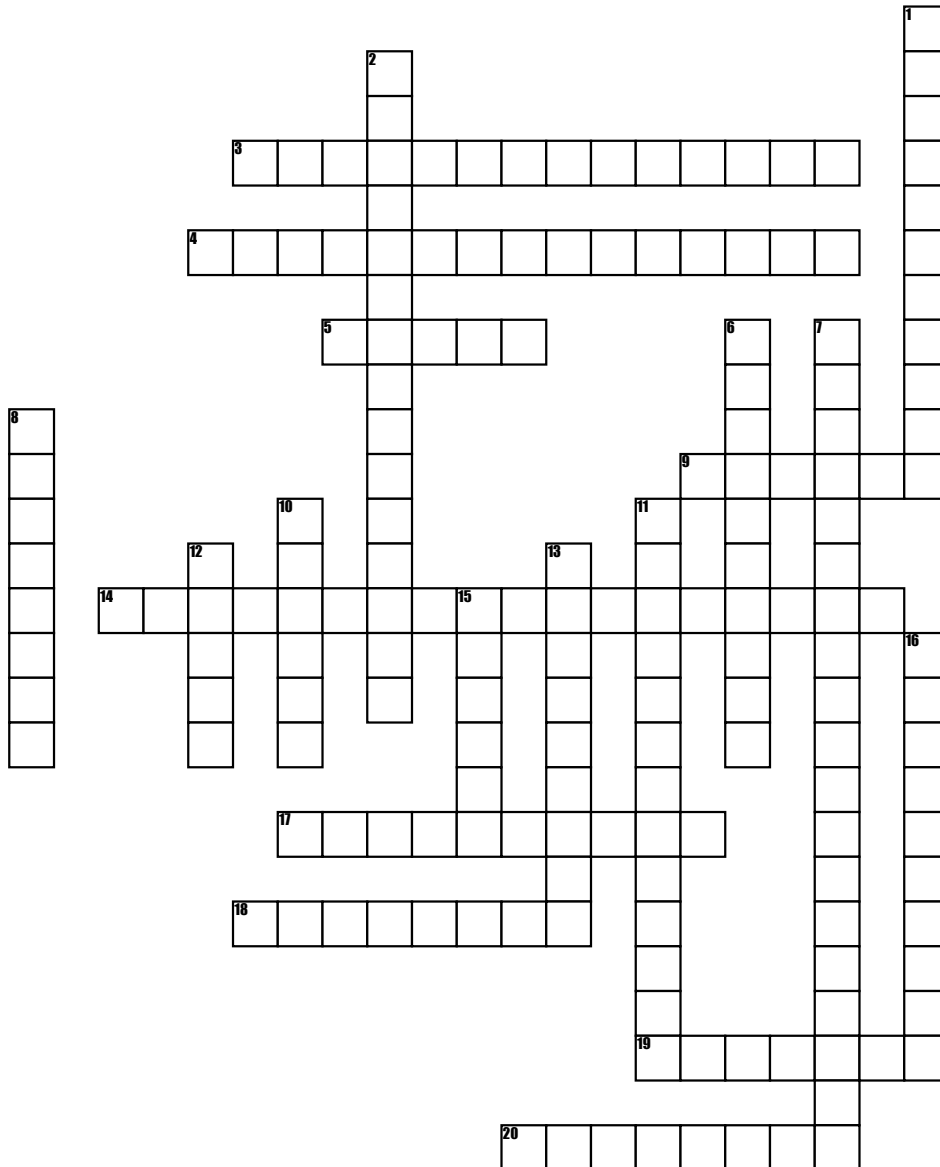


GEOLOGY PROJECT



Across

3. the lithosphere, which is the rigid outermost shell of a planet (the crust and upper mantle) is broken up

4. this rock is formed from solutions or sediments from older rocks

5. it is part of the earth is composed of a great variety of igneous, metamorphic, and sedimentary rocks

9. a long, thin line or mark of a different substances or color from its surroundings

14. a boundary at which two plates move past each other

17. upper core it is a fluid layer about 2,300 km thick and composed of iron and nickel

18. a sharp division; a split

19. the process by which sediment is moved from one place to the other

20. it is a naturally occurring substance, representable by a chemical formula, that is usually solid and inorganic

Down

1. this rock is formed when magma or lava cools and hardens to become a solid

2. this rock is formed when heat, pressure, temperature, or chemical process changes existing rock

6. the process by which water, wind, ice, and changes in temperature break down rock

7. two plates move away from each other

8. the quality or condition of being hard

10. the way the light interacts with the surface of a crystal, rock, or mineral

11. it is the earth's innermost part and according to seismological studies

12. a mixture of molten or semi-molten rock, volatiles and solids that is found beneath the surface of the earth, and is expected to exist on other terrestrial planets and some natural satellites

13. the series of processes in which rock changes from one type to another

15. the region of the interior of the earth between the core

16. the process by which sediments come to rest