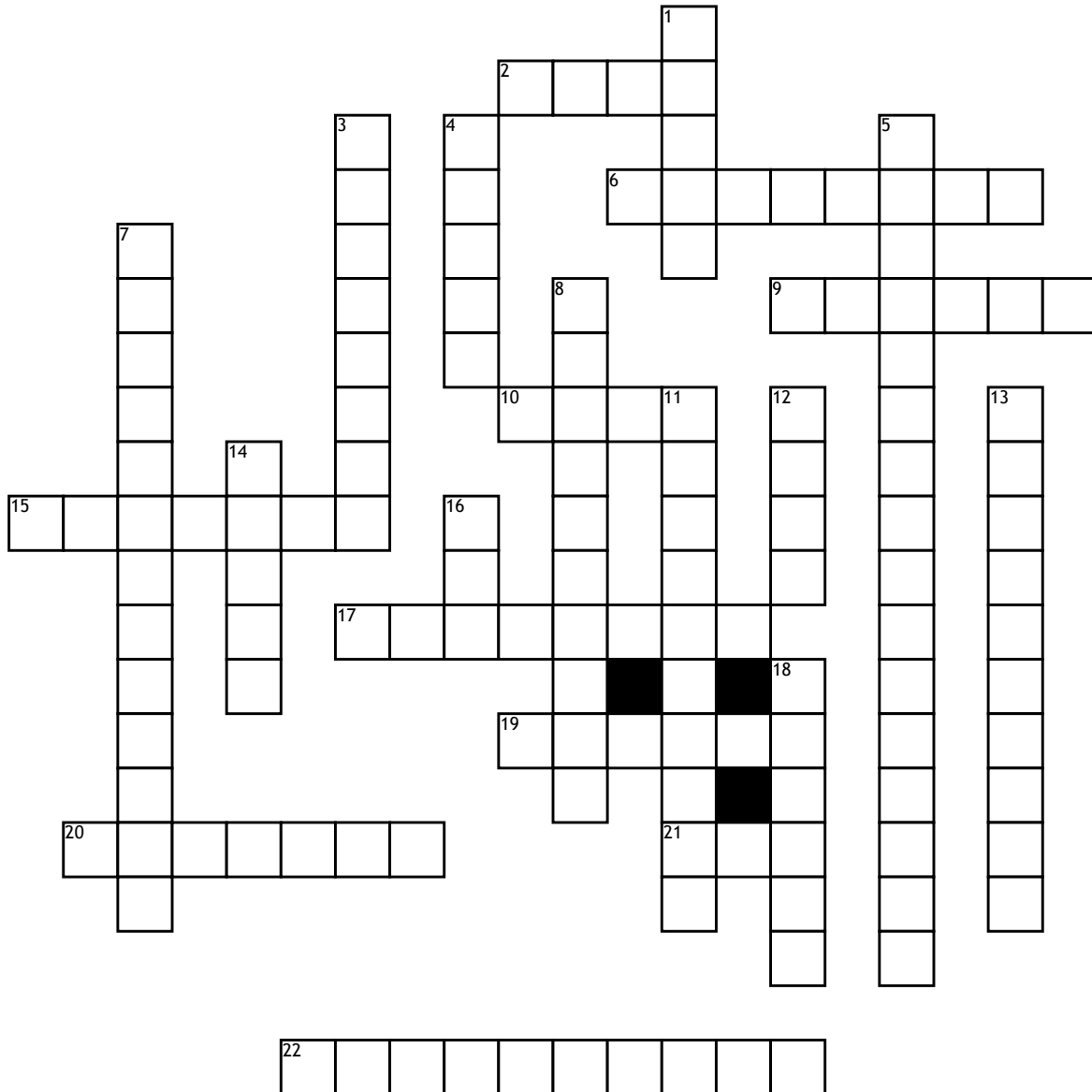


The Earth and its rocks



Across

- 2. molten rock that reaches the Earth's surface
- 6. extracting metal from its ore by melting it, pouring it and allowing it to cool
- 9. factors that cause erosion are called _____ of erosion
- 10. the innermost layer of the Earth
- 15. naturally occurring solid substance that is inorganic, has a characteristic crystalline structure and a fairly constant chemical composition
- 17. a type of weathering in which water, or chemicals in water or air, react and break down rock

- 19. the layer of the Earth below the crust
- 20. the removal of weathered rock particles from the site of the weathering
- 21. rock containing a valuable mineral
- 22. the settling of broken rock material to form sediment

Down

- 1. molten rock that does not reach the Earth's surface
- 3. a type of weathering where rocks are broken down by physical processes
- 4. a factor of erosion (5 letters)
- 5. minerals that are dug up and used

- 7. top layer of the mantle, composed of 'plastic' rock
- 8. a type of weathering in which living things and their products break down rock
- 11. the chemical process of separating metals from the components in which they occur
- 12. a factor of erosion (4 letters)
- 13. the physical, chemical and biological processes that break rocks down into smaller pieces
- 14. the outermost layer of the Earth
- 16. a factor of erosion (3 letters)
- 18. natural chemicals found in water that can bind sediments together