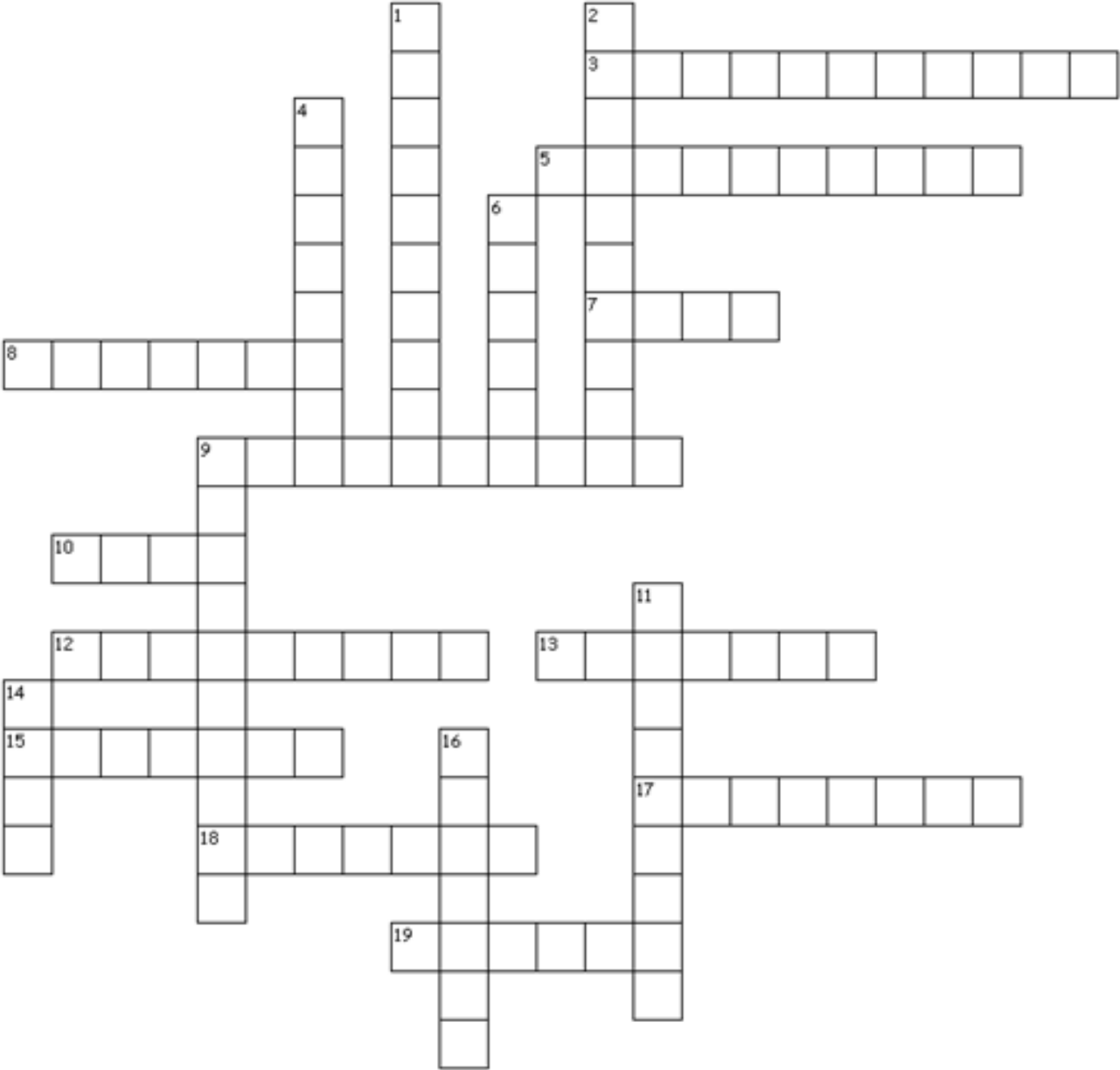


CRYSTAL CAVE

Wisconsin's Longest Show Cave
Educational Program
Cave Crossword Puzzle 5-6



Crossword Clues

Answers are in parenthesis behind the clues

Across

3. All the external conditions, which surround a living thing. (environment)
5. A formation which builds upward from a cave floor as the result of water dripping from above. They are usually located beneath a stalactite. (stalactite)
7. A solid, cohesive aggregate of one or more minerals or mineral materials. (rock)
8. A naturally occurring, solid element or compound, with a definite composition and a regular internal crystal structure. (mineral)
9. The scientific study of caves. (speleology)
10. A hole in rock that was made by nature and is large enough for a person to fit into. (cave)
12. A carbonate-rich sedimentary rock which usually forms from layers of the remains of marine life and other marine sediments. (limestone)
13. A mineral composed of calcium carbonate. Most cave formations are made of this. (calcite)
15. A solid whose atoms are arranged in an orderly, repeating, three-dimensional pattern. All minerals, such as calcite, are composed of these. (crystal)
17. A circular depression on the surface formed by ground collapsing into a cavity below. (sinkhole)
18. The set of processes by which materials are removed or transported by wind, water, ice or gravity (erosion)
19. A formation which is formed when stalagmites meet overhanging stalactites. Water flowing down the sides of the column gradually enlarges it by adding layers of flowstone to the surface. (column)

Down

1. A formation which develops when water deposits minerals in successive rings downward from the ceiling of a cave. (stalactite)
2. The breakdown of earth materials by some force of nature such as wind, water or gravity. (weathering)
4. To breakdown a substance into smaller more dilute particles. (dissolve)
6. Any remains or traces of animals or plants that lived in the past. These can include bones, tracks, casts or imprints. (fossil)
9. A general term for any mineral deposit or formation found within a cave, such as a stalactite or stalagmite. (speleothem)
11. Sheets of calcite deposited in a cave as mineral rich water flows over the wall or floor. (flowstone)
14. A substance dissolves rocks and minerals. (acid)
16. Scientific study of the earth and the materials that form it. (geology)