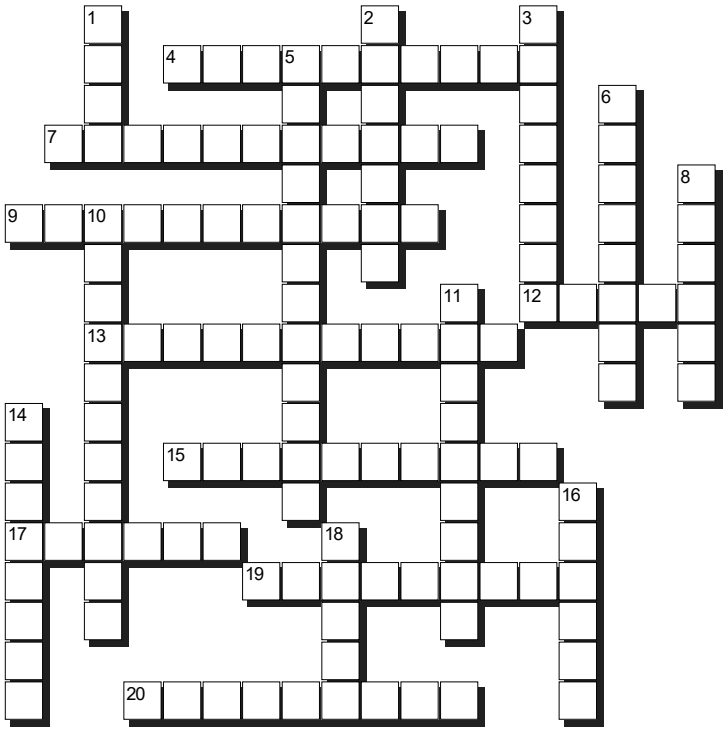


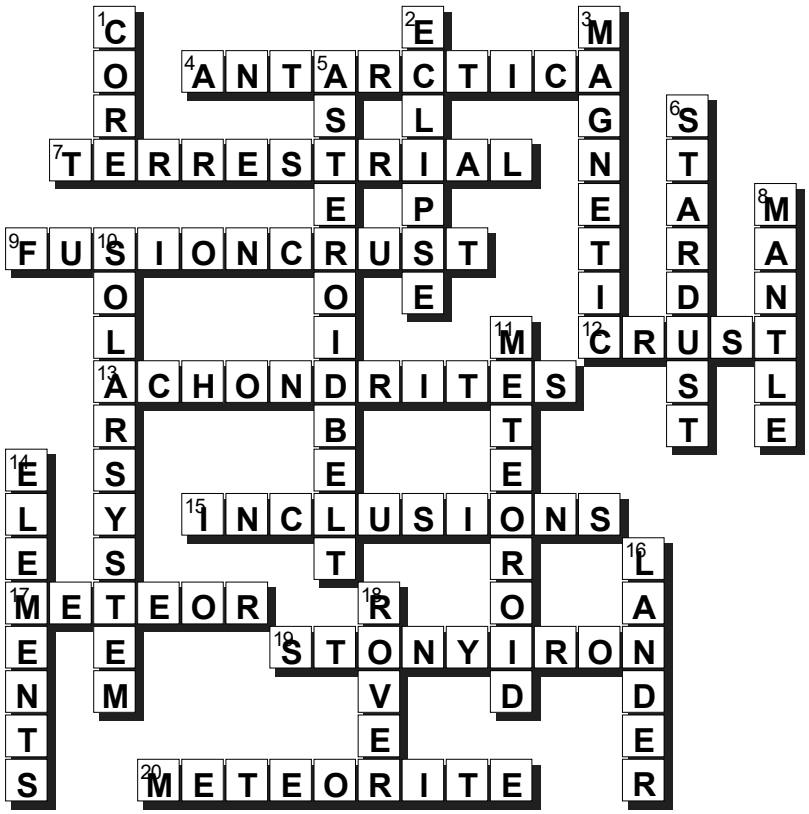
[Across]

4. Cold desert where meteorites are easy to find.
7. A planet made mostly of rocks and metals is known as a _____ planet.
9. The dark outer surface found on meteorites.
12. The top, or outer, layer of a body above the core and the mantle.
13. Meteorites from bodies that never melted are called chondrites; but meteorites from bodies that have melted are called _____.
15. The first solids formed in the early solar system are CAIs, or calcium-aluminum-rich _____.
17. A rock from space that passes through Earth's atmosphere, causing a light.
19. Meteorites from the boundary between the core and the mantle of an asteroid.
20. A rock from space that falls on Earth.

[Down]

1. The innermost part of a planet or asteroid.
2. A lunar _____ happens when the Sun, Earth, and Moon are aligned and the Moon passes behind Earth into its shadow.
3. One way to help you find out if you found a meteorite is to see if it is _____.
5. Located between Mars and Jupiter, this is where most asteroids come from.
6. Tiny particles that are ejected from dying stars and are sometimes found in meteorites.
8. The layer of a planet between the core and the crust.
10. This is 4.56 billion years old.
11. An object similar to an asteroid but smaller.
14. Calcium, aluminum, and iron are all _____.
16. A spacecraft designed to land on the surface of a planet or asteroid.
18. A vehicle designed to move around the surface of another planet.

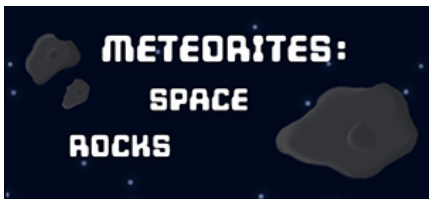
Try our crossword puzzle based on one of our web articles. You can learn more about this topic when you read the article *Meteorites: Space Rocks* at *Ask An Earth and Space Scientist:* https://askanearthspacescientist.asu.edu/explore/meteorites



[Across]

4. Antarctica
7. Terrestrial
9. Fusion crust
12. Crust
13. A chondrites
15. Inclusions
17. Meteor
19. Stony iron
20. Meteorite

SOLUTION



[Down]

1. Core
2. Eclipse
3. Magnetic
5. Asteroid belt
6. Stardust
8. Mantle
10. Solar system
11. Meteoroid
14. Elements
16. Lander
18. Rover

The solution above will let you see how well you did with the puzzle. Try some of the other puzzles at *Ask An Earth and Space Scientist*: https://askanearthspacescientist.asu.edu/activities/puzzles