

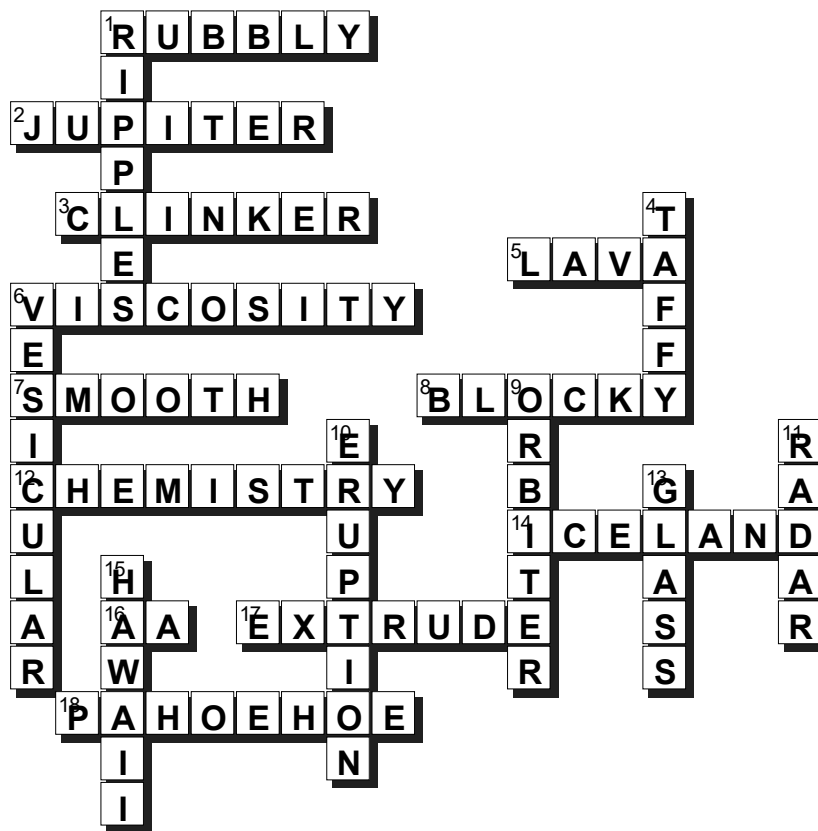
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| <ol style="list-style-type: none"> <li>1. This type of lava surface is similar to piles of construction material</li> <li>2. The planet with a volcanically active moon named Io</li> <li>3. A description of the surface of a'a lava</li> <li>5. Hot, orange-red material that erupts from volcanoes</li> <li>6. The measure of fluid resistance</li> <li>7. The typical surface of a pahoehoe flow</li> <li>8. Lava surface that is made up of smooth-faced blocks</li> <li>12. Pahoehoe and a'a lava flows have similar _____</li> <li>14. A location for studying lava flows that are similar to flows on Mars</li> <li>16. In Polynesian, it means "to burn"</li> <li>17. To force material like lava through an opening</li> <li>18. A type of lava flow that reaches temperatures of up to 1200C</li> </ol> | <ol style="list-style-type: none"> <li>1. Crescent textures on the surface of pahoehoe lava flows</li> <li>4. A material that stretches and tears like a'a lava</li> <li>6. A bubble-like texture in lava flows</li> <li>9. Sent to planets and moons in our solar system to take images of their surfaces</li> <li>10. The process that transports magma in the Earth to the surface as lava</li> <li>11. An instrument that collects data about lava flow surface roughness</li> <li>13. What a lava flow crust is mainly made out of</li> <li>15. A volcanically active island</li> </ol> |
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Try our crossword puzzle based on one of our web articles. You can learn more about this topic when you read the article *Rough and Smooth Lava* at Ask An Earth and Space Scientist: <https://askanearthspacescientist.asu.edu/explore/lava-flows>



[Across]

SOLUTION

[Down]

1. Rubbly
2. Jupiter
3. Clinker
5. Lava
6. Viscosity
7. Smooth
8. Blocky
12. Chemistry
14. Iceland
16. A'a
17. Extrude
18. Pahoehoe



4. Taffy
6. Vesicular
9. Orbiter
10. Eruption
11. Radar
13. Glass
15. Hawaii

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>