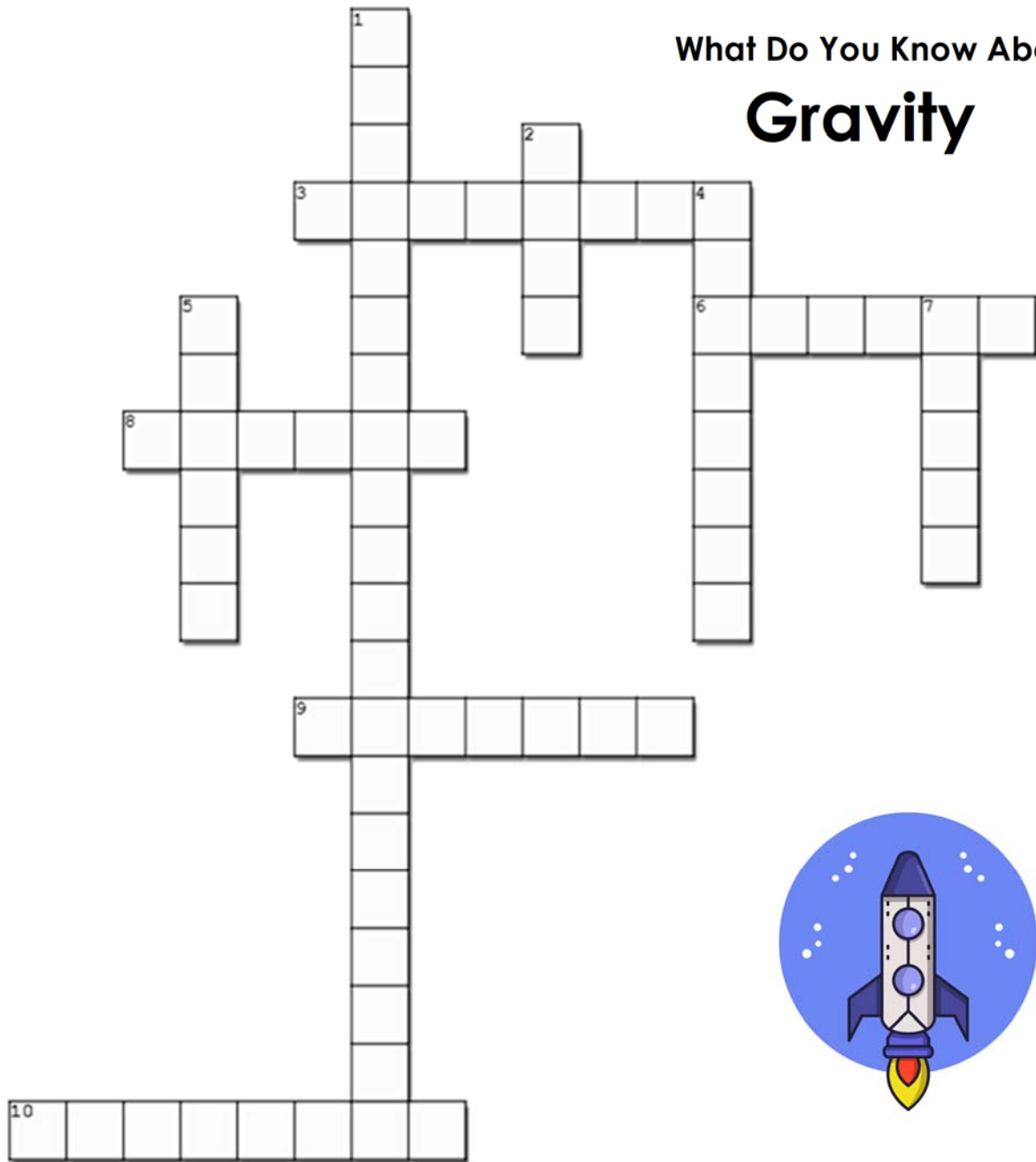


## What Do You Know About Gravity



### Across

3. Gravity is the reason the Earth stays just the right \_\_\_\_\_ from the sun.
6. The scientist who was the first to describe gravity mathematically in 1687.
8. The \_\_\_\_\_ an object is, the more gravity it has.
9. The force that keeps things on the surface of the Earth.
10. Gravity is \_\_\_\_\_ the closer you are to an object.

### Down

1. A name given to the phenomenon that objects with different masses fall to Earth with the same speed.
2. This exists independent of gravity.
4. The scientist who gave us the Theory of Relativity in 1905.
5. The force of gravity upon an object
7. The sun's gravity keeps the Earth in this around the sun.