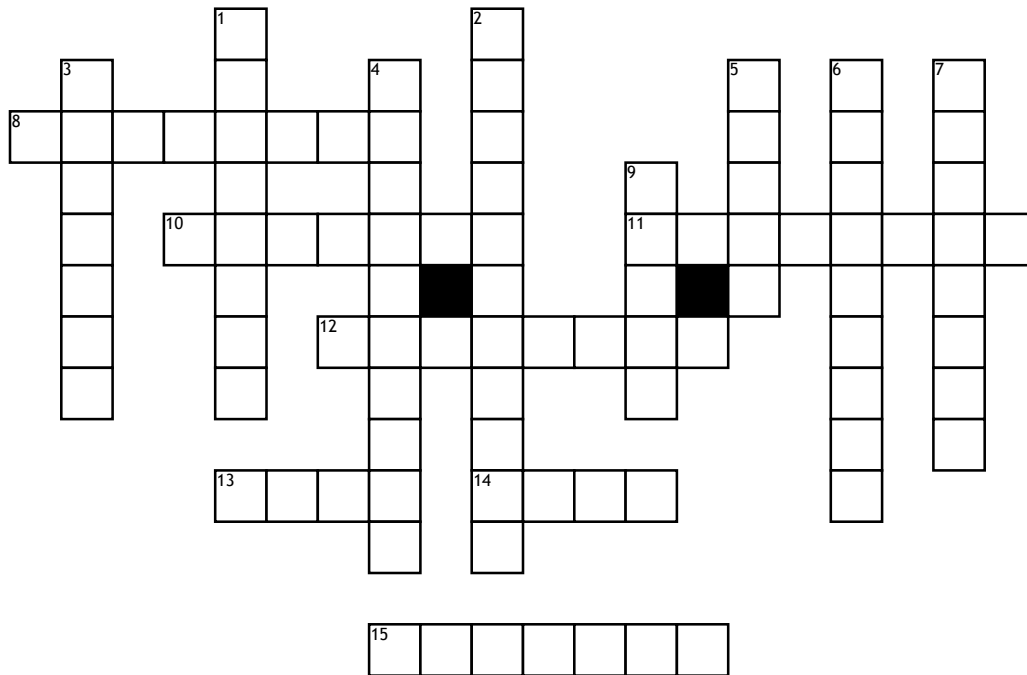


Motion and Matter



Across

8. Something that slows down motion.

10. When two magnets are drawn together.

11. A person who designs something to solve a problem.

12. When forces working on something are the same. Nothing moves!

13. The piece that holds both wheels together so they can turn together.

14. When a wheel and axle system is made up of a big wheel and a small wheel, it will _____.

15. The part of a wheel and axle system that allows the axle to turn freely.

Down

1. Another word for "turn".

2. The limits an engineer has to work with.

3. A force that pulls things to Earth.

4. When forces working on something are not the same, we call it _____. Something will move!

5. Which wheel will move farther on a wheel and axle system that is made up of one large wheel and one small wheel?

6. The force between two magnets.

7. When something rolls down a ramp, it gains speed through _____.

9. When magnets push each other away.

Word Bank

Repel

Rotation

Magnetism

Momentum

Attract

Engineer

Friction

Bearing

Large

Unbalanced

Constraints

Axle

Turn

Balanced

Gravity