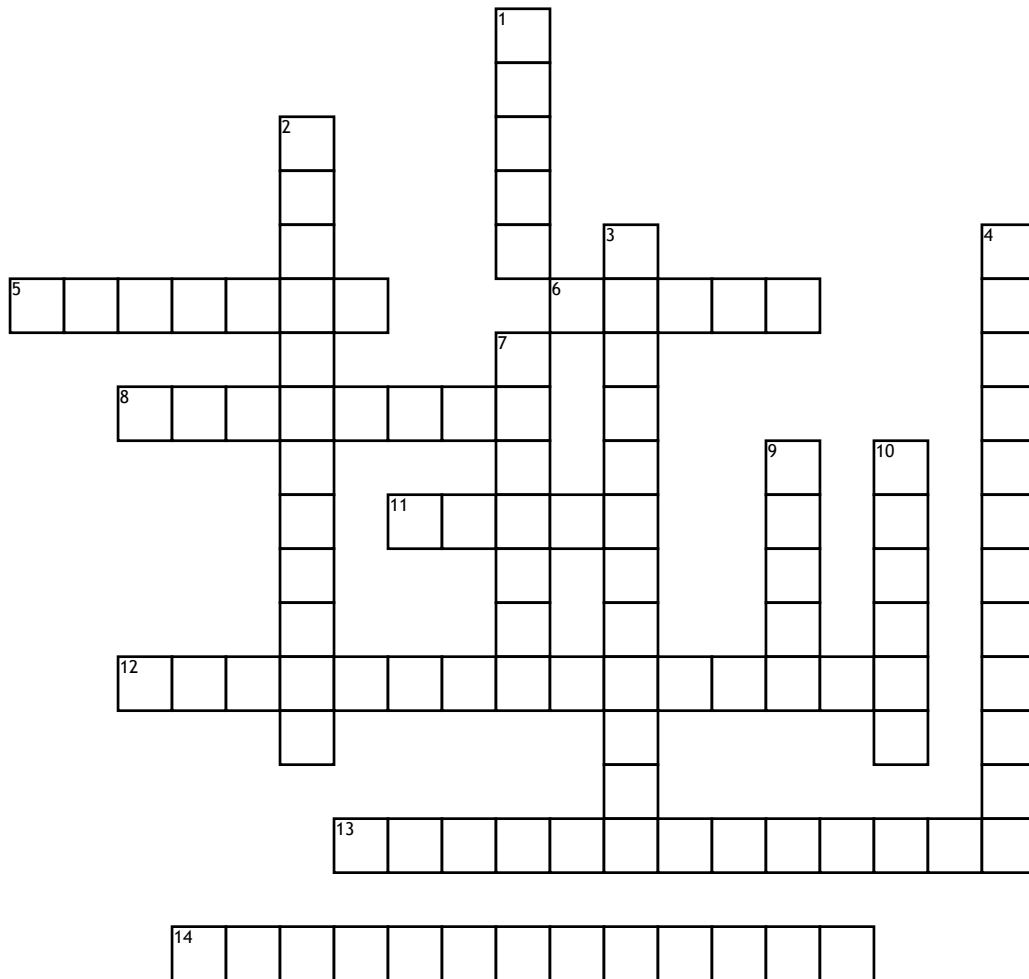


# Chapter 11 Vocabulary



## Across

5. the force of attraction between any two objects

6. simple machine consisting of a smooth cylinder with a tiny inclined plane wrapped around it

8. the force that results when two materials rub against each other or when their contact prevents sliding

11. Is a push or a pull that acts on a object

12. a force that acts at a distance

13. simple machine consisting of a flat surface with one end higher than the other

14. a machine made up of one or two parts

## Down

1. simple machine made of one or two inclined planes

2. A force that requires two pieces of matter to touch

3. the rate at which the speed or direction of motion of an object changes over time

4. simple machine made up of a circular object (wheel) attached to a bar (axle)

7. the tendency of an object to resist any change in motion

9. a simple machine in which a bar moves around a fixed point called a fulcrum

10. simple machine consisting of a rope or cable that runs around a grooved wheel

## Word Bank

Lever

Pulley

Simple Machine

Screw

Friction

Inertia

Non-contact force

Wedge

Acceleration

Inclined plane

Gravity

Wheel and axle

Contact force

Force