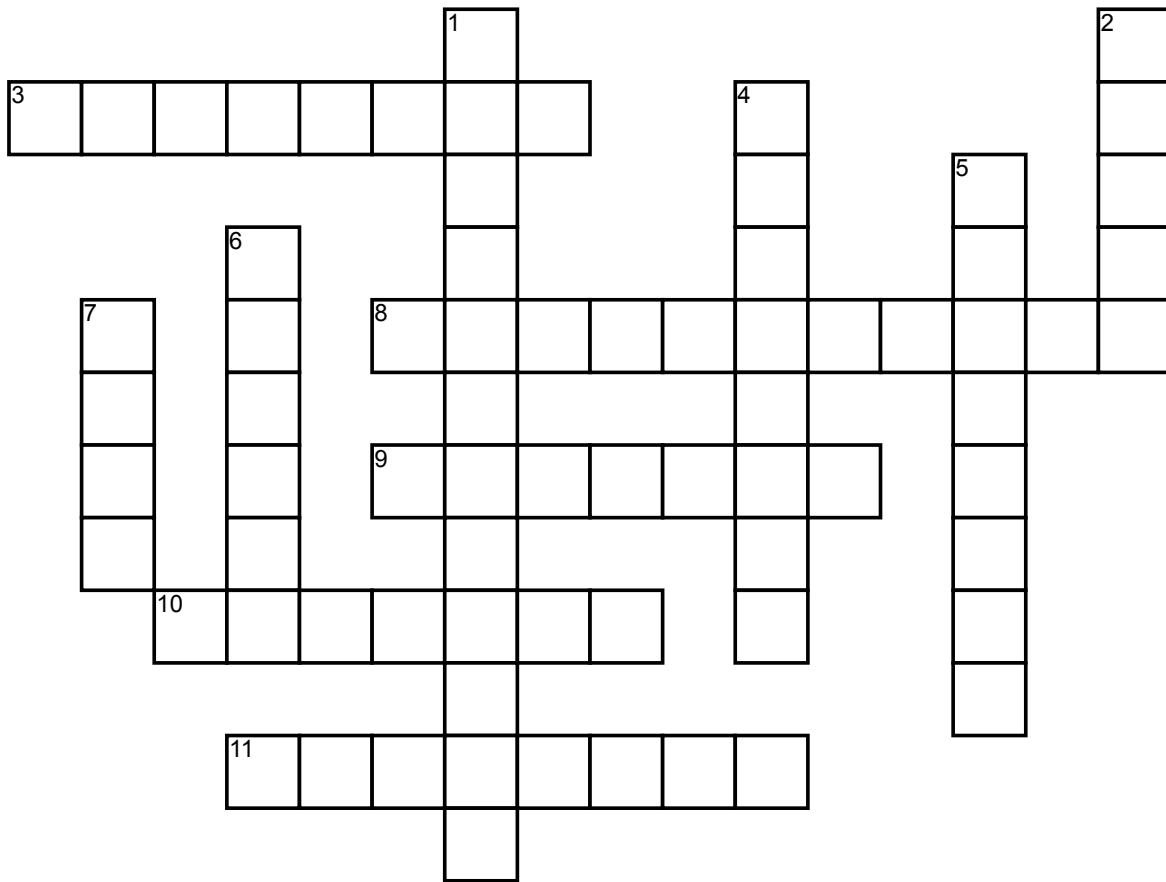


# Unit 6 Motion and Science



## Across

- 3.** the length of the path between two points; distance =  $x$  time
- 8.** length of time that passes to one event to another; time = distance divided by speed
- 9.** force attraction between any two objects that have mass
- 10.** tendency of an object resist changes in its motion
- 11.** speed and direction in which an object is moving

## Down

- 1.** rate of change of velocity
- 2.** push or pull
- 4.** the mass of an object multiplied by its speed or velocity
- 5.** force that opposes motion and that occurs when things slide or roll over each other
- 6.** a change in position
- 7.** the amount of matter in an object