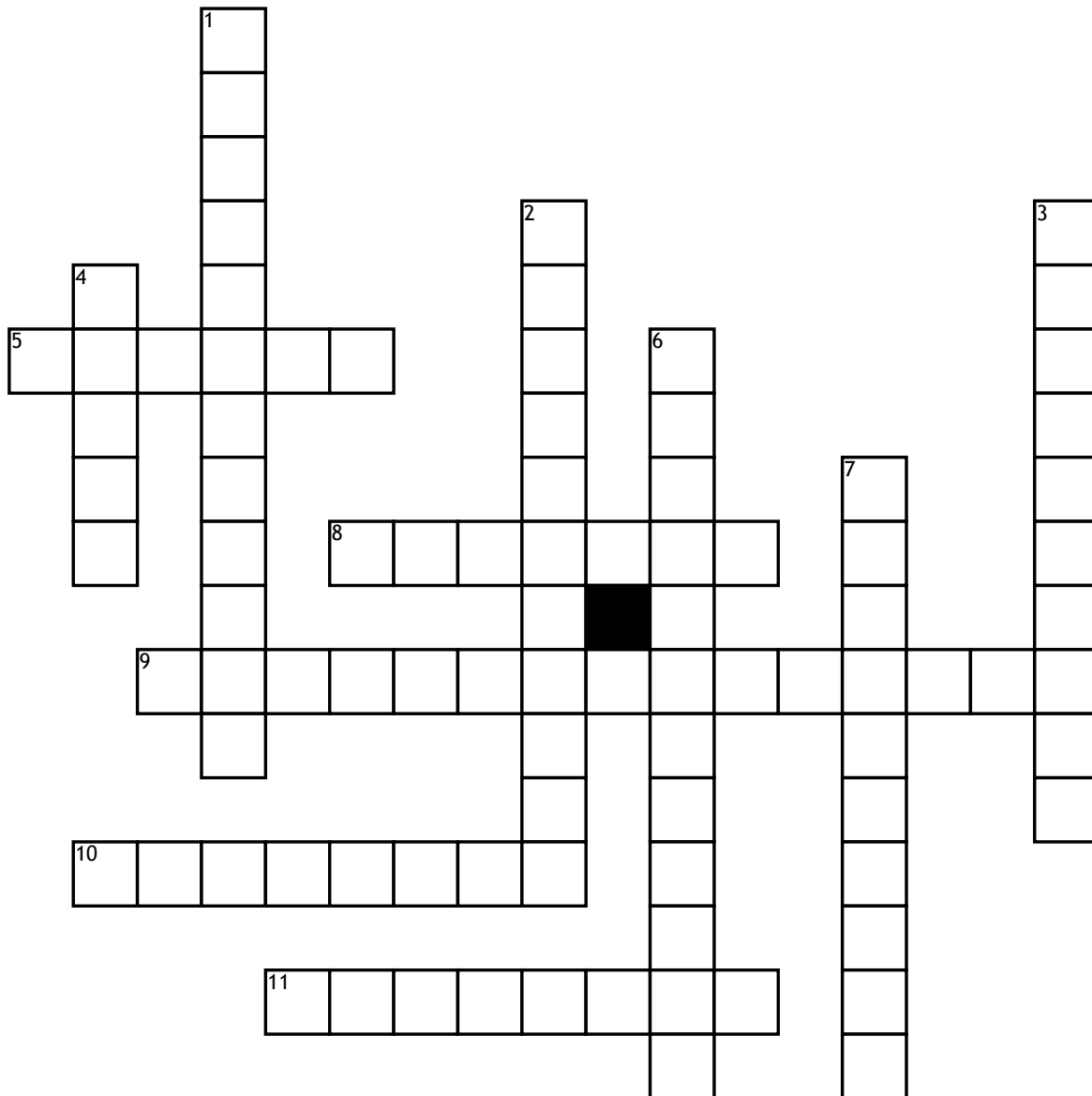


Name: _____

Date: _____

unit 4



Across

5. how scientists learn more about the world or to test designs and materials
8. the force of attraction between any two objects
9. a force that acts at a distance
10. the force the results when two materials rub against each other or when their contact prevents sliding
11. scientists study a variety of appropriate reference materials

Down

1. the rate at which the speed OR the direction of motion of an object changes over time
2. something you find out about objects, events, or living things by using your sense
3. the use of scientific investigation and reasoning to test your hypothesis and reasoning to test your hypothesis
4. a push or a pull
6. a force that requires two pieces of matter to touch
7. a statement of what you think will happen during an investigation