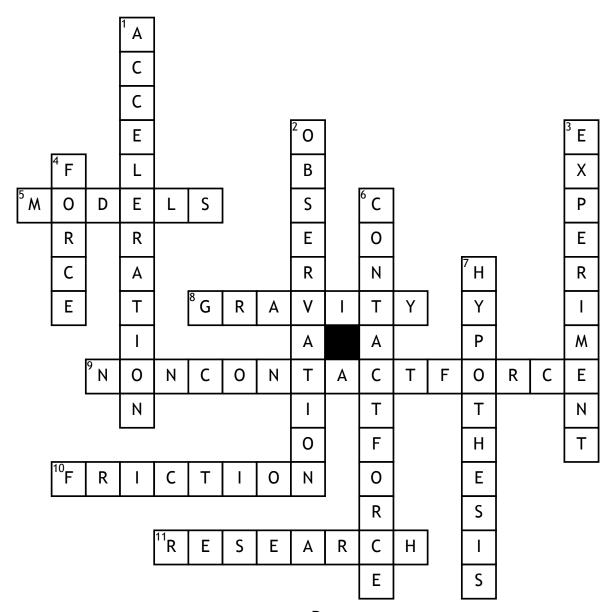
Name:	Date:	

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