

Name \_\_\_\_\_

## How Communication Signals Use the Ionosphere

### Open-Ended Response Answer Key

1. It helps signals travel long distances so people can talk, find locations, or get weather info.
2. We might lose GPS, have trouble using radios, or lose contact with satellites.
3. Answers will vary; sample: "I'd like to know how the Sun affects the ionosphere every day."
4. Answers will vary; sample: "I would build a balloon with sensors to measure how signals bounce."

