

Lesson 1

- **Exercise 1** Words and Their Meanings p. 5

1. b 2. a 3. d 4. b 5. c 6. d 7. a 8. d 9. b 10. c

- **Exercise 2** Seeing Connections p. 6

1. girder 2. wave 3. boat 4. foolish 5. strand

- **Exercise 3** Applying Meanings p. 6

1. d 2. a 3. b 4. c 5. a

Questions p. 8 (Sentences give possible answers. Students' sentences may vary.)

1. Ferris invented his wheel in 1893.
2. Wheels of this kind had been around for over a hundred years, so they knew it was safe.
3. They thought that the engines might stop or that the strong winds might twist the wheel.
4. They can see things as far away as twenty-five miles.
5. They could not hear anything.
6. The wheel was much taller than the tallest buildings in Chicago.
7. Thousands of people rode the wheel.
8. It takes thirty minutes, fifteen minutes for a car to reach the top and fifteen minutes for it to return.
9. They were probably made of steel because they were part of the wheel.
10. It was at least ten stories taller.

Lesson 2

- **Exercise 1** Words and Their Meanings p. 13

1. c 2. a 3. b 4. a 5. d 6. b 7. c 8. a 9. d 10. c

- **Exercise 2** Seeing Connections p. 14

1. crater 2. diameter 3. two 4. gravity 5. universe

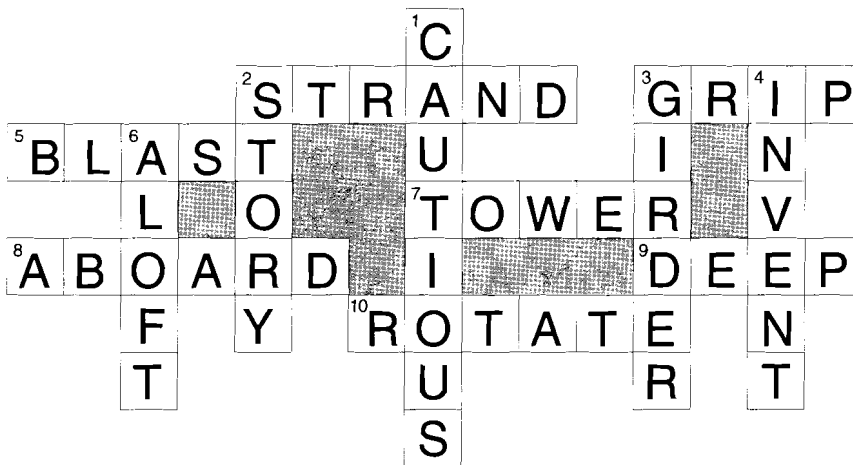
- **Exercise 3** Applying Meanings p. 14

1. c 2. a 3. d 4. b 5. d

Questions p. 16 (Sentences give possible answers. Students' sentences may vary.)

1. As far as we know, Earth is the only planet where there is life.
2. They saw that some stars seemed to move across the sky while others stayed in the same place.
3. A person would see the beautiful rings around it.
4. It pulls the object toward Earth.
5. These planets are made of gas and do not have any solid ground where a crater could form.
6. Answers will vary.
7. The story says that dust and gas formed lumps and that the lumps slowly got bigger.
8. Pluto's diameter is smaller.

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Lesson 2, page 17

