

Content Vocabulary

Chapter 19.2

LESSON 2

Early History of Space Exploration

Directions: *Unscramble each word. Then write each term on the line before its definition.*

1. pasce bepor _____

2. oterck _____

3. islatteel _____

4. Petjorc Alloop _____

5. capes thulest _____

6. runla _____

_____ 7. a reusable spacecraft

_____ 8. related to the Moon

_____ 9. a series of space missions to send people to the Moon

_____ 10. an uncrewed spacecraft

_____ 11. a vehicle that propels itself by ejecting exhaust gas from one end

_____ 12. a small object that orbits a larger object

Key Concept Builder 

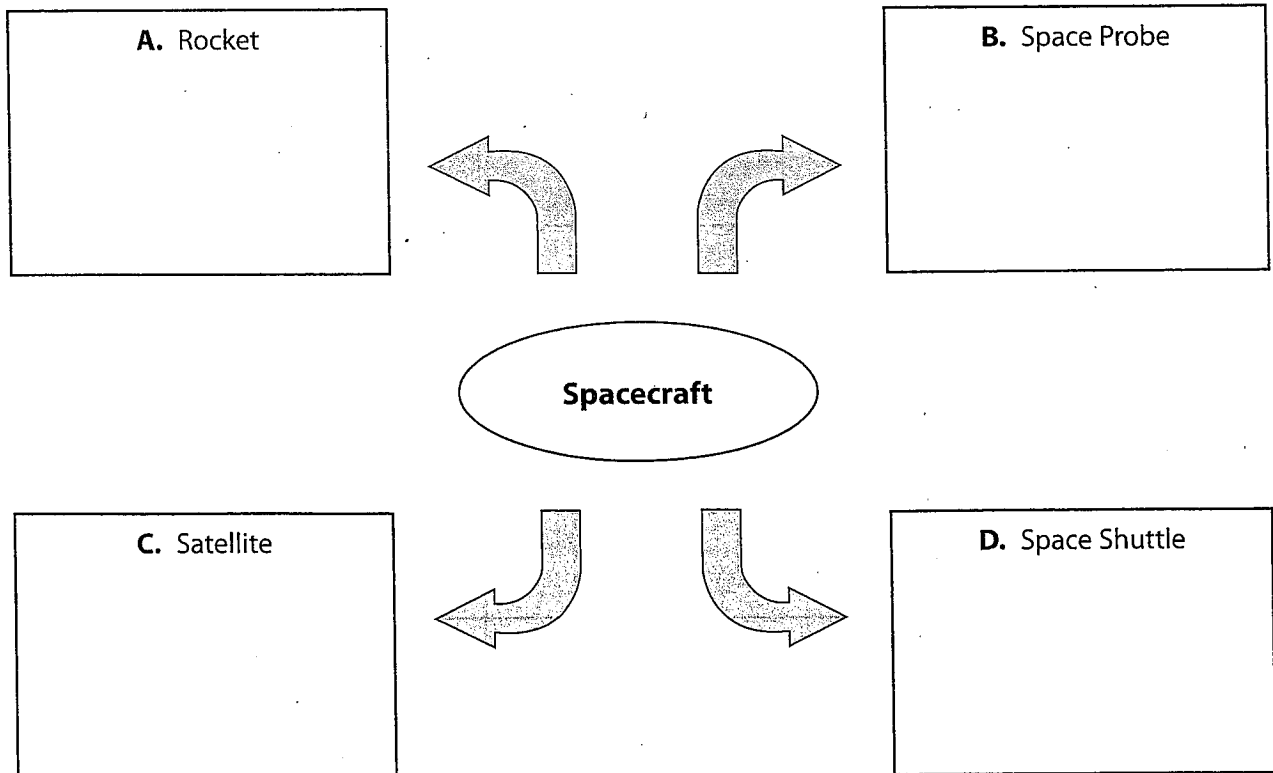
LESSON 2

Early History of Space Exploration

Key Concept How are rockets and artificial satellites used?

Directions: Write the number of each statement in the correct box.

1. collects data as it flies past a planet or the Sun; then continues on through space
2. reusable spacecraft that transports people and materials to and from space
3. propels itself by ejected exhaust gas from one end
4. any uncrewed spacecraft sent from Earth to explore objects in space
5. any small object that orbits a larger object
6. carries oxygen to burn fuel and can operate outside Earth's atmosphere
7. used to launch other spacecraft into space
8. part of the Global Positioning System (GPS) used for navigation
9. lands on the surface of another planet to collect and analyze data
10. an international Earth-orbiting space station where astronauts live
11. how the Moon is related to Earth
12. travels into space and returns to Earth, landing much like airplanes



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Key Concept Builder 

LESSON 2

Early History of Space Exploration

Key Concept Why do scientists send both crewed and uncrewed missions into space?

Directions: Draw a line connecting each numbered event to its matching lettered description.

1. 1957 <i>Sputnik 1</i>
2. 1958 <i>Explorer 1</i>
3. 1958 NASA
4. 1959 lunar probes
5. 1961 <i>Manned Russian spacecraft</i>
6. 1961 Project Apollo
7. 1962 <i>Mariner 2</i>
8. 1969 <i>Apollo 11</i>
9. 1981 space shuttles
10. 2000 <i>International Space Station</i>

a. An astronaut from the former Soviet Union is the first human to travel into space.
b. The first spacecraft is sent to another planet (Venus).
c. The United States launches its first Earth-orbiting satellite.
d. Astronauts from many countries begin living and working in space.
e. Neil Armstrong and Buzz Aldrin walk on the Moon.
f. The first probes to the Moon are sent by the United States and the former Soviet Union.
g. The first artificial satellite is sent into Earth's orbit.
h. NASA begins operating reusable spacecraft to transport people and materials to and from space.
i. The National Aeronautics and Space Administration is established to oversee all U.S. space missions, including space telescopes.
j. The United States plans a series of space missions to send people to the Moon.

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Lesson Quiz A

LESSON 2

Early History of Space Exploration

Multiple Choice

Directions: *On the line before each question or statement, write the letter of the correct answer.*

- _____ 1. What was the goal of Project Apollo?
 - A. to send people to Mars
 - B. to send people to the Moon
 - C. to send people into Earth orbit

- _____ 2. Which of these is **NOT** a way that space technology has improved life on Earth?
 - A. created faster-growing crops
 - B. created better artificial limbs
 - C. created stronger, lighter materials for athletes

- _____ 3. The *International Space Station* is a
 - A. lander.
 - B. rocket.
 - C. satellite.

Completion

Directions: *On each line, write the term from the word bank that correctly completes each sentence. Each term is used only once.*

lander	rocket	satellite
space	space shuttle	

- 4. A _____ is any small object that orbits a larger object.
- 5. The _____ was developed as a reusable means of transporting people and materials between Earth and space.
- 6. A _____ probe touches down on a planet's surface.
- 7. A _____ is a spacecraft sent to explore without humans.
- 8. A _____ uses exhaust to propel itself.

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