Space Exploration

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Summary

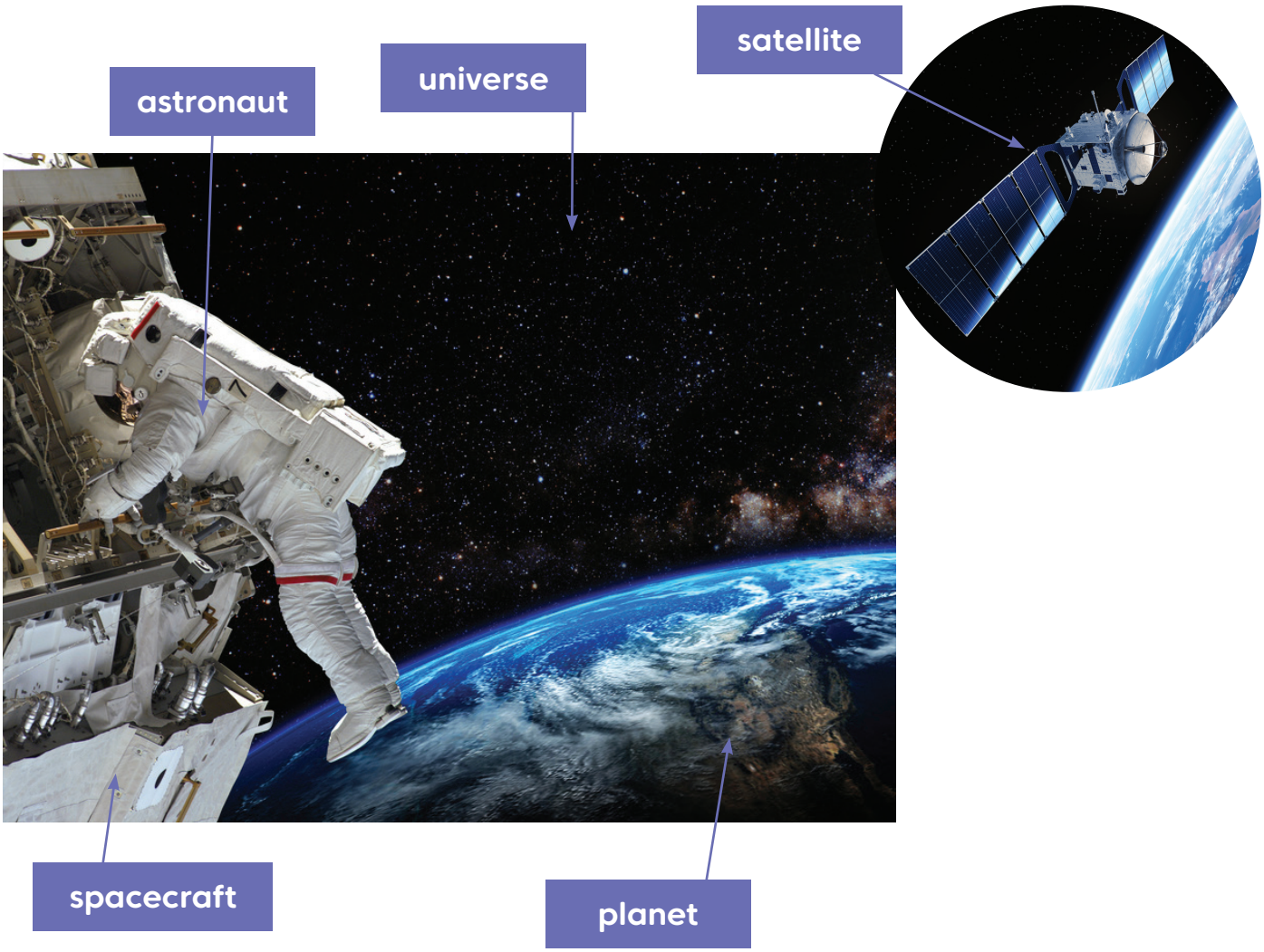
This book is about how space travel and exploration has developed since the 1950s to the present time.

Contents

Before Reading

Think Ahead

Look at the picture and answer the questions.



1. What kind of people travel in space? _____

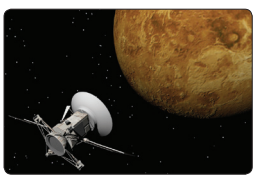
2. What large, round objects, such as Earth, can we see in space? _____

3. How do astronauts travel into space? _____

4. What pieces of equipment are floating in the universe? _____

Vocabulary

A Read and match.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

- a. rocket
- b. illness
- c. fleet
- d. research laboratory
- e. prize
- f. reusable
- g. space probe
- h. flight

B Write the word for each definition.

universe	leap	program	develop	mission

1. _____ a plan or system of things with a particular purpose
2. _____ a big jump
3. _____ to improve and become better
4. _____ all of space and everything in it including stars, planets, and galaxies
5. _____ an important job, usually traveling somewhere

C Choose the word that means about the same as the underlined words.

1. The 1960s was the <u>ten years</u> during which America would work towards sending men to the moon.

   a. illness b. decade c. leap d. develop

2. Since the Hubble Space Telescope was <u>sent into the sky</u>, it has discovered many amazing things about the universe.

   a. program b. prize c. launched d. technology

3. Over the years, there have been hundreds of attempts to <u>look for new things in</u> space, the planets, and the solar system.

   a. fleet b. explore c. rocket d. universe

4. Many private companies now build rockets, satellites, and other technologies that are <u>used more than once</u>.

   a. mission b. planet c. reusable d. spacecraft

Comprehension

A Match the pictures with the correct sentences.

a. Remote landing vehicles are used to explore space.
b. Space shuttles can carry things into orbit and land back on Earth.
c. Neil Armstrong set foot on the moon on July 20th, 1969.

1. _____

2. _____

3. _____

B Choose the best answer.

1. Why did both America and the Soviet Union want to be the first into space?
   a. To put a man on the moon
   b. To show off their technologies and power
   c. To create research laboratories
   d. To develop long-range rockets

2. Who was the first man to go into space in 1961?
   a. Neil Armstrong
   b. John Glenn
   c. John F. Kennedy
   d. Yuri Gagarin

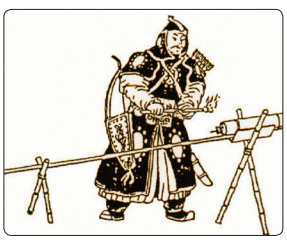
3. How many countries are involved in the International Space Station (ISS) project?
   a. Sixteen
   b. Six
   c. Sixty
   d. Six hundred

C Choose the correct phrase for each picture. One (1) choice will not be used.

a. SpaceShipOne—the first private spacecraft
b. A footprint on the moon
c. What living on Mars might look like
d. The Hubble Space Telescope in orbit
e. An illustration of a Chinese rocket

1. _____

2. _____



3. _____

4. _____

D Read each sentence. Write "T" if it is true or "F" if it is false.

1. _____ The Germans used long-range rockets during WWII.

2. _____ During the 1950s and 1960s, the two world superpowers were America and China.

3. _____ The first satellite that went into space in 1957 was called Sputnik 1.

4. _____ John Glenn was the first American to go into space in 1962.

5. _____ The International Space Station (ISS) is a research lab manned by up to ten people at one time.

E Complete the sentences with the correct words.

1. At one time, _____ were not powerful enough to leave our planet and go into orbit. fleets rockets

2. There were three _____ to Skylab, a research laboratory, before it crashed back to Earth in 1979. satellites missions

3. Many governments now ask private companies to develop _____ for space flight. technologies planets

4. SpaceShipOne won a _____ for the first private spacecraft to fly into orbit two times in two weeks. prize leap

5. Everyone on Earth may die some day from a(n) _____ or a huge asteroid hitting the planet. launch illness

F Number the events in order from 1=first to 5=last.

a. _____ Yuri Gagarin was the first man to go into space.

b. _____ The Americans began the space shuttle era.

c. _____ The Americans put their own satellite, Explorer 1, into space.

d. _____ Neil Armstrong was the first man to set foot on the moon.

e. _____ The Soviet Union put the first satellite, Sputnik 1, into space.

Think About It

A **Look in the reader to write the answers to the following 5-W questions.**

Who?	What?	When?	Where?	Why?
Two world superpowers wanted to be first into space: The Soviet Union (modern-day Russia) and the United States of _____.	The two countries wanted to be first into space, so they could show off their _____ and power.	The Soviet Union put the first _____ into space in 1957, and America followed in 1958.	The Soviets and the Americans sent satellites into _____, followed by men. Yuri Gagarin was the first man to go into space in 1961.	Space _____ is important because much of our modern-day technology comes from research done to help the space programs. It also helps people find out more about where we came from and why we are here.

B **Complete the sentences below with your own ideas.**

From this book, I learned _____

_____

_____.

Before I read this book, I knew _____

_____

_____.

Now I also know _____

_____

_____.