

Unit 2 – Quiz One --- Why Explore Space?

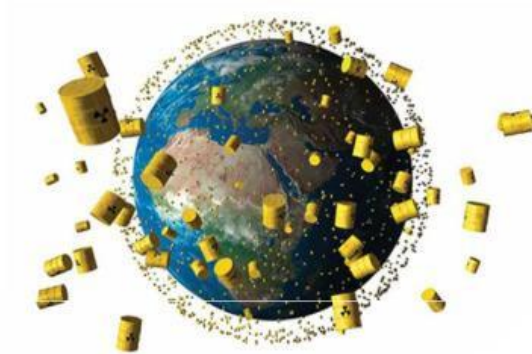
DETAILS

1  Listen again and add to your notes. Choose the correct answer to complete each statement. Use your notes to help you.

1. A six-ton piece of space debris the size of a bus fell to Earth in ____ .
a. 2001 b. 2010 c. 2011
2. Two events created ____ of the debris in space.
a. one-half ($1/2$) b. one-quarter ($1/4$) c. one-third ($1/3$)
3. NASA tracks ____ large debris fragments that orbit Earth.
a. 2,100 b. 21,000 c. 210,000
4. There may be ____ of tiny debris particles.
a. hundreds b. millions c. hundreds of millions
5. Each day, an average of ____ of space debris falls to Earth.
a. one piece b. five pieces c. ten pieces
6. Space debris travels at ____ kilometers per second.
a. 8 b. 8.8 c. 18
7. There are more than ____ working satellites in orbit around Earth.
a. 1,000 b. 5,000 c. 10,000
8. ____ countries formed an organization to solve the problem of space debris.
a. Two b. Twelve c. Twenty

Read each question and notice the boldfaced word. Then choose the correct answer.

1. What happens when two things **collide**?
 - a. They crash.
 - b. They go faster.
 - c. They turn around.
2. How can countries **cooperate** on the space junk problem?
 - a. They can argue about what to do.
 - b. They can work together to clean it up.
 - c. They can cancel their space programs.
3. A rock hit the space station. What did the **damage** look like?
 - a. a small planet
 - b. a hole
 - c. a piece of metal
4. What should we do with the **debris**?
 - a. clean it up
 - b. sell it
 - c. create more of it
5. Where would you find a flight **crew**?
 - a. on a boat
 - b. on an airplane
 - c. on a train
6. What is a **fragment**?
 - a. a piece of a larger object
 - b. two pieces of an object joined together
 - c. an unbroken object
7. What **innovation** has improved communication?
 - a. the water filter
 - b. the telescope
 - c. the internet



8. What **orbits** the Earth?
 - a. the sun
 - b. the moon
 - c. planets
9. What does a **particle** look like?
 - a. a tiny piece of dirt
 - b. a large rock
 - c. a long piece of metal
10. What is a person's **perspective**?
 - a. the person's point of view
 - b. the person's goals
 - c. the person's language
11. What's an example of something that is **precious**?
 - a. a rock from California
 - b. a picture of a rock from Mars
 - c. a rock from Mars
12. How can you **promote** something?
 - a. put it in a safe place
 - b. take good care of it
 - c. tell people about it
13. Where can you see a **satellite**?
 - a. under the ground
 - b. in the night sky
 - c. at a store
14. Where might a **spacecraft** go?
 - a. to New York
 - b. to China
 - c. to Mars
15. How do scientists **track** moving objects in the sky?
 - a. They discuss them.
 - b. They destroy them.
 - c. They watch them.

1 Listen to the **-ed** sound in the underlined words. Check (✓) the sound you hear.

	/əd/	/t/	/d/
1. The satellite <u>exploded</u> .	☐	☐	☐
2. The debris <u>damaged</u> the spacecraft.	☐	☐	☐
3. Scientists have <u>tracked</u> its orbit for many years.	☐	☐	☐
4. Have they <u>solved</u> the problem yet?	☐	☐	☐
5. Debris <u>surrounded</u> the planet.	☐	☐	☐
6. How many astronauts have <u>walked</u> on the moon?	☐	☐	☐
7. NASA <u>decided</u> to end the program.	☐	☐	☐
8. What <u>caused</u> the damage?	☐	☐	☐
9. They <u>finished</u> the spacewalk in less than an hour.	☐	☐	☐

3 Work with a partner. Take turns asking and answering questions. Use words from the box to complete the conversations. Remember to use **-ed** endings with correct pronunciation.

cause collide create injure tour visit want work

- A: What happened to the Ecuadorian satellite?

B: It _____ with an old spacecraft.
- A: Would you like to go into space?

B: Yes, I've always _____ to be an astronaut. / No, I've never _____ to be an astronaut.
- A: Have you ever _____ the National Air and Space Museum in Washington, D.C.?

B: Yes, I have. I _____ it in _____ (year). / No, I haven't _____ it.
- A: What was Sally Ride's profession?

B: She _____ as an astronaut for NASA.
- A: Who _____ the space debris problem?

B: Every country with a space program has _____ it.
- A: Has space debris ever hurt anyone?

B: No, it hasn't _____ anyone yet.