ASTRONOMY

Reach for the Stars!

Explore. Learn. Dream.



1 Vocabulary Boost

Match the words (1–8) with their definitions (A–H).

1. galaxy ____	A. A very large group of stars, gas and dust.
2. astronaut ____	B. A person who travels in space.
3. telescope ____	C. A tool for looking at distant objects.
4. planet ____	D. A large, round object that moves around a star.
5. asteroid ____	E. A small rocky object in space.
6. orbit ____	F. The path an object follows around a star or planet.
7. universe ____	G. Everything that exists.
8. black hole ____	H. A place where gravity is so strong that nothing can escape.

2 Grammar in Space

Complete the sentences with the correct form of the verbs in brackets.

1. Scientists _____ (discover) new planets every year.
2. If we _____ (find) life on Mars, it _____ (change) everything.
3. She _____ (watch) the stars since she was a child.
4. By 2050, we _____ (travel) to Mars.

3 Reading: A Cosmic Journey

Read the text and answer the questions.

The James Webb Space Telescope, launched in 2021, has given us stunning new images of the universe. It can see light from the very first galaxies, which formed more than 13 billion years ago. Scientists hope it will help us understand how the universe began and whether there is life beyond Earth.

1. When was the James Webb Telescope launched? _____
2. What can it do? _____
3. What do scientists hope to find out? _____

4 Listening: The Solar System

Listen to the audio (or imagine a short podcast) and choose the correct answer.

1. Which planet is known as the "Red Planet"?
   a) Earth b) Mars c) Jupiter
2. How many moons does Jupiter have?
   a) about 50 b) about 79 c) about 95
3. What is a supernova?
   a) a type of star b) a black hole c) a planet

5 Word Power: Space Adjectives

Complete the sentences with the correct adjectives from the box.

distant • mysterious • enormous
bright • frozen • exciting

1. The universe is _____ and full of secrets.
2. We live on a _____ planet called Earth.
3. Stars can be _____ and incredibly hot.
4. Space is a _____ place, isn't it?
5. The moon is a _____ world, covered in ice.

6 Speaking: Your Turn!

Answer the questions or discuss with a partner.

1. What is your favorite planet? Why?
2. Do you think there is life on other planets? Why or why not?
3. If you could travel to space, what would you like to see?

Fun Fact!

A day on Venus is longer than a year on Venus!

Venus takes 243 Earth days to rotate once, but only 225 Earth days to complete its orbit around the Sun.

Keep looking up!