Science & Space

1 Aşağıdaki kelimeleri anlamlarıyla eşleştir.

a. orbit
b. telescope
c. virtual
d. renewable energy
e. launch
f. astronaut
g. satellite
h. gravity
i. experiment
j. artificial intelligence (AI)
k. innovation
l. discover
m. galaxy
n. advanced



1. A scientific test carried out to learn or prove something.
2. Existing or experienced on a computer rather than in the real world.
3. A person trained to travel and work in space.
4. A technology that enables computers to perform tasks that normally require human intelligence.
5. To send a spacecraft into space.
6. A force that pulls objects towards the centre of the Earth or another planet.
7. A large system of stars, planets, gas, and dust held together by gravity.
8. A source of energy that can be naturally replaced, such as solar or wind power.
9. A curved path followed by a planet, moon, or satellite around another object.
10. More modern, developed, or complex than usual.
11. A device used to observe distant objects, especially in space.
12. To find or learn something for the first time.
13. A new idea, method, or invention.
14. An object that travels around a planet and is used for communication, weather forecasting, or scientific research.

NOVAKID

2 Yukarıdaki kelimeleri kullanarak aşağıdaki metindeki boşlukları tamamla. Her kelimeyi bir kez kullanmayı unutma.

orbit / telescope / virtual / renewable energy / launch / astronaut / satellite / gravity / experiment / artificial intelligence (AI) / innovation / discover / galaxy / advanced

Science and technology are changing the way we understand both our planet and the universe. Every space mission requires scientists to (a.) _____ the spacecraft only after years of preparation and testing. One of the most important people on these missions is the (b.) _____, who is trained to live and work in space.

After leaving Earth, a spacecraft enters (c.) _____ around our planet or another object in space. During the journey, it may release a (d.) _____ to collect information or send signals back to Earth. Scientists on the ground often use a powerful (e.) _____ to observe distant planets and stars.

Space travel also helps us understand the effects of (f.) _____, especially how the human body changes in environments where it is much weaker than on Earth. Before new equipment is used in a mission, researchers usually carry out an (g.) _____ to make sure it works safely.

Modern space programmes rely on (h.) _____ to analyse huge amounts of data much faster than humans can. Many of these developments are examples of technological (i.) _____, leading to more (j.) _____ systems that can complete difficult tasks with greater accuracy.

Scientists also hope to (k.) _____ signs of life beyond Earth. Our Solar System is only a tiny part of the (l.) _____, which contains billions of stars. Meanwhile, many of the technologies created for space exploration are now being used on Earth, including improvements in (m.) _____ that help reduce pollution. Today, students can even take (n.) _____ tours of space stations and planets without leaving their classrooms.



NOVAKID

3 Aşağıdaki diyalogları uygun ifadeler ile tamamla. Bir ifade fazladan verili.

- I haven't read about it yet.
- It was launched last week.
- How does it collect the data?
- It could improve weather forecasting.
- They're still testing the system.
- That's exciting news.
- I'd like to see those images.

Tuna: Have you heard about the new Earth observation satellite?

Jake: No. a. _____

Tuna: b. _____ It's already sending back high-quality images.

Jake: Really? c. _____

Tuna: It uses advanced cameras and AI to study forests, oceans, and weather patterns.

Jake: d. _____ That could help people prepare for natural disasters.

Tuna: Exactly. Scientists believe e. _____

Jake: Have they finished the project?

Tuna: Not yet. f. _____

NOVAKID

4 Aşağıdaki cümlelerde koyu olarak yazılmış kelimeler yerine kutucuktaki kelimelerden hangisi gelebilir? Yanlarına yaz.

telescope - virtual - renewable energy - launch - experiment - innovation discover - advanced

a. Scientists hope to find for the first time signs of life on another planet. → _____
b. The company introduced a new idea or method to make batteries last longer. → _____
c. Students visited the International Space Station through a computer-generated experience. → _____
d. Engineers designed highly developed robots to explore dangerous environments. → _____
e. The space agency plans to send a rocket into space early next year. → _____
f. The scientist looked through a device used to observe distant objects. → _____
g. The researchers carried out a scientific test before publishing their results. → _____
h. Wind and solar power are forms of energy that can be naturally replaced. → _____

NOVAKID

ANSWER KEY

1 Aşağıdaki kelimeleri anlamlarıyla eşleştir.

a. 9 b. 11 c. 2 d. 8 e. 5 f. 3 g. 14 h. 6 i. 1 j. 4 k. 13 l. 12 m. 7 n. 10

2 Yukarıdaki kelimeleri kullanarak aşağıdaki metindeki boşlukları tamamla. Her kelimeyi bir kez kullanmayı unutma.

a. Launch, b. Astronaut, c. orbit, d. Satellite, e. telescope,
f. Gravity, g. Experiment, h. artificial intelligence (AI),
i. Innovation, j. Advanced, k. Discover, l. Galaxy,
m. renewable energy, n. virtual

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NOVAKID

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a. Discover
b. Innovation
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h. Renewable energy

