



Name: _____ Grade: 8/_____ Unit 2 Reading practice

Read the text then choose the best answer from a, b, c or d...

A Mission to Mars

Mars is known as the Red Planet. It has mountains, deserts, and a rocky surface. The planet is very cold, and there is very little oxygen. Scientists want to explore Mars to learn more about its environment and find out if humans could live there in the future.

Astronauts may travel to Mars on long space journeys. They will need special spacesuits, food, water, and oxygen to survive. Robots and satellites can help scientists explore the planet and collect information. Cameras can take pictures of the surface of Mars.

Scientists are also studying how to grow plants in space. Astronauts can plant seeds in special greenhouses using water and LED lights. Growing vegetables could provide fresh food during long missions.

The UAE is proud of its achievements in space exploration. The Emirates Mars Mission has helped scientists study the atmosphere of Mars. These discoveries may help future astronauts prepare for their journeys.

Choose the correct answer. (10 Marks)

1. What is Mars called?

- a) The Blue Planet
- b) The Red Planet
- c) The Green Planet
- d) The Yellow Planet

2. What is the surface of Mars like?

- a) Rocky
- b) Covered with forests
- c) Full of oceans
- d) Covered with grass

3. What do astronauts need to survive on Mars?

- a) Toys and books
- b) Cars and bicycles
- c) Food, water, and oxygen
- d) Trees and flowers

4. What can scientists use to take pictures of Mars?

- a) Seeds
- b) Cameras





- c) Greenhouses
- d) Plants
- 5. Why do scientists explore Mars?
 - a) To build shopping malls
 - b) To make Mars warmer
 - c) To find new animals
 - d) To learn about its environment and possible human life
- 6. Why do astronauts grow plants in space?
 - a) To provide fresh food
 - b) To make rockets faster
 - c) To change the planet's color
 - d) To build satellites
- 7. How do robots help scientists on Mars?
 - a) By cooking food
 - b) By building schools
 - c) By exploring and collecting information
 - d) By making rain
- 8. Why would astronauts need special greenhouses on Mars?
 - a) To make the planet look beautiful
 - b) To protect plants and provide suitable growing conditions
 - c) To store spacesuits
 - d) To make rockets lighter
- 9. Which problem would astronauts need to solve before living on Mars?
 - a) How to build amusement parks
 - b) How to find more deserts
 - c) How to make the journey shorter than one day
 - d) How to provide enough oxygen, water, and food
- 10. Imagine you are a UAE scientist planning a mission to Mars. Which idea would best support sustainability?
 - a) Build a greenhouse that recycles water and uses solar energy
 - b) Carry unlimited water from Earth





- c) Throw away all used materials
- d) Grow plants without water or light

Answer Key –

Question Answer Bloom's Level

1	b	Remembering
2	a	Remembering
3	c	Remembering
4	b	Remembering
5	d	Understanding
6	a	Understanding
7	c	Applying
8	b	Analyzing
9	d	Analyzing
10	a	Evaluating

Name: _____ Grade: 8/1 Unit 2 Vocabulary Practice- Date: --- / --- / 2026

Choose the correct word from the box to complete each sentence. Use each word only once.

Word Bank

journey – gravity – seeds – proud – imagine – grow – camera – experience launch – satellite – astronaut – explore – orbit – surface – speed – travel – moon – desert – planet – rocket

1. The _____ is a spacecraft that carries astronauts into space.
2. The _____ of Mars is covered with rocks and dust.
3. We can _____ a future where people live on Mars.
4. The _____ helps us understand why objects fall to the ground.
5. Astronauts use a _____ to record their space adventures.
6. Scientists want to _____ new places in space.
7. A _____ sends information from space to Earth.





8. The _____ shines brightly in the night sky.
9. Astronauts must prepare carefully for their long _____ to Mars.
10. Plants need water and sunlight to _____.
11. The rocket will _____ from the space Centre tomorrow.
12. The UAE is _____ of its achievements in space exploration.
13. The Earth is a _____ that moves around the Sun.
14. The _____ moves around the Sun in a regular path.
15. Farmers plant _____ to produce vegetables.
16. A trained _____ can work on the International Space Station.
17. The _____ is a very dry place with little rain.
18. Rockets can _____ at a very high _____.
19. Living in space is an exciting _____ for astronauts.
20. The Earth follows an _____ around the Sun.

Answer Key –

No. Answer No. Answer

- | | | | |
|---|-----------|----|-----------|
| 1 | rocket | 11 | launch |
| 2 | surface | 12 | proud |
| 3 | imagine | 13 | planet |
| 4 | gravity | 14 | travel |
| 5 | camera | 15 | seeds |
| 6 | explore | 16 | astronaut |
| 7 | satellite | 17 | desert |





- 8 moon 18 speed
9 journey 19 experience
10 grow 20 Orbit

Grade 8 – Unit 2 Reading Maze

Grammar: Second Conditional (If + Past Simple, Would + Base Verb)

Read the text and choose the correct answer. (10 Marks)

My Dream Journey to Mars

I always dream about travelling to Mars. If I (1) _____ an astronaut, I would explore the Red Planet. If I had a spaceship, I (2) _____ to Mars with my friends.

Mars is a cold planet with very little oxygen. If I (3) _____ on Mars, I would wear a special spacesuit. If I (4) _____ a camera, I would take beautiful pictures of the planet.

I love science and experiments. If I had some seeds, I (5) _____ vegetables in a special greenhouse. If the plants (6) _____ enough water and light, they would grow well.

If I (7) _____ a robot, I would use it to explore the rocky surface. If I found water on Mars, I (8) _____ very excited.





I am proud of the UAE's achievements in space. If I (9) _____ a scientist, I would help the UAE develop new space technology. If I had the chance to visit Mars, I (10) _____ my experience with students when I returned to Earth.

Choose the correct answer.

No.	A	B	C	D
1	am	were	was being	be
2	travel	travelled	will travel	would travel
3	lived	live	living	lives
4	have	has	had	having
5	grow	would grow	grew	grows
6	get	gets	getting	got
7	build	builds	built	building
8	would feel	feel	felt	will feel
9	am	be	were	will be
10	shared	would share	share	sharing

Mark: _____ / 10

Answer Key –

Question Answer

- 1 B – were
- 2 D – would travel
- 3 A – lived
- 4 C – had
- 5 B – would grow
- 6 D – got
- 7 C – built
- 8 A – would feel
- 9 C – were
- 10 B – would share

Grammar Reminder:





If + Past Simple, would + base verb.

Example: If I lived on Mars, I would grow vegetables in a greenhouse.

