**Words 1**

|  |  |  |  |
| --- | --- | --- | --- |
|  | astronomer |  | orbit |
|  | space probe |  | matter |
|  | core |  | distance |
|  | gravity |  | diameter |

**Words 2**

1.  There are a lot of craters on the surface of the moon.

2.  There is gravity on Earth. It keeps us on the ground.

3.  Everything in the universe is made of matter .

4.  The diameter of the moon is a lot smaller than the sun’s.

5.  Astronomers look up at planets and stars through telescopes.

6.  The distance from Earth to the sun is over 90 million miles.

7.  Scientists send space probes to explore other planets.

8.  Earth is unique because human beings live on it.

**Read 1**

1. orbit
2. diameter
3. Earth
4. distance
5. craters
6. surface

**Read 2**

1.  The moon is a rock that goes around Earth in 27 days.

2.  The moon looks close, but it’s a long distance away.

3.  The moon doesn’t make light, it reflects light from the sun .

4.  The moon looks different every day because light shines on it in a different way .

5.  American astronauts went to the moon in 1969.

6.  On the surface of the moon, it is very wet / there are lots of craters and rocks / there are a lot of American astronauts / there is a lot of wind .

**Read 3**

|  |  |
| --- | --- |
| **True** | **False** |
| * There are lots of craters on the moon. * The sun shines on the moon. * The moon completes an orbit around Earth every 27 days. * There is almost no wind on the surface of the moon. | * The moon is much older than Earth. * The moon makes light. * People never went to the moon. * The surface of the moon is very wet. |

**Grammar in Use 1**

|  |  |
| --- | --- |
| 1. If I become an astronaut, | I’ll travel in space. |
| 2. If I go to Mars, | I’ll explore the surface. |
| 3. If she gets a telescope, | she’ll look up at the stars. |
| 4. If I study hard, | I’ll get good grades. |
| 5. If technology continues to grow, | we’ll all have spaceships. |
| 6. If the sky is dark, | the stars will be bright. |
| 7. If we work really hard, | the teacher will be very happy. |
| 8. If I clean my room, | my mom will be really happy with me. |

**Grammar in Use 2**

* 1. If you - will see
  2. You will - if you look
  3. Your mom will - if you work
  4. If I become - I will travel
  5. If you walk - you will see

**Grammar in Use 3**

1.if he becomes an astronaut, he will explore the solar system .

2. if he doesn’t become an astronaut, he won’t explore the solar system .

3. if I don’t repair the telescope, I won’t be able to see the moon .

4. if I repair the telescope, I will be able to see the moon .

5. if we don’t study hard, we’ll fail the test .

6. if we study hard, we won’t fail the test .

**Grammar in Use 4**

1. if you don’t study hard.
2. you’ll travel into space.
3. if you look in the sky tonight.
4. if you don’t use a telescope.
5. I won’t study hard

**Listening**

1. the Earth
2. Light
3. light year
4. to Mars
5. Neptune
6. nearest star

**Word Study**

1.  My mom’s perfume is really fragrant . It smells like flowers.

2.  Earth is a long distance from the sun.

3.  The sun is a brilliant light in the sky.

4.  There was an abundanceof apples on the tree.

5.  If you don’t want to be ignorant , study hard.

6.  He’s so arrogant . He thinks he knows everything.

**Writing Study**

**1.** Is it a planet or a moon?  
**2.** Does the moon orbit the earth or the earth orbit the moon?  
**3.** Would you like to be an astronomer or an astronaut?  
**4.** Do you know which is bigger: Mars or Jupiter?  
**5.** Would you like to go to the moon or to Mars?  
**6.** Is that a comet or a star in the sky?