**Words 1**

Listen, read, and match.

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| gravity core astronomer matter orbit space probe distance diameter |

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| --- | --- | --- | --- |
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**Words 2**

Read and choose.

1.  There are a lot of stras/ craters / unique / planets on the surface of the moon.

2.  There is planets / matter / gravity / core on Earth. It keeps us on the ground.

3.  Everything in the universe is made of core / matter / gravity / planets .

4.  The distance / surface / diameter / crater of the moon is a lot smaller than the sun’s.

5.  Gravity / Stars / Craters / Astronomers look up at planets and stars through telescopes.

6.  The distance / gravity / surface / diameter from Earth to the sun is over 90 million miles.

7.  Scientists send orbit / core / space probes / matters to explore other planets.

8.  Earth is made of matter / unique / in orbit / a planet because human beings live on it.

**Read 1**

Read and complete.

|  |
| --- |
| **The Moon**  You can see the moon on most nights. It’s a huge rock that completes one orbit around Earth every 27 days. Even though it sometimes looks close, it’s about 250,000 miles away. It would take 130 days to drive there in a car! The moon is also 2,000 miles in diameter and 4.5 billion years old, about the same age as Earth.  The moon looks bright, but doesn’t make light. It reflects light from the sun! If you look at the moon every night, its shape won’t always look the same. This is because of the way the sun shines on it as it moves around Earth.  Did you know that humans walked on the moon? American astronauts Neil Armstrong and Buzz Aldrin went there in 1969. The surface is very dry and full of craters and rocks. There’s no weather and very little wind. So, if you visit the moon, your footprints will be there for 10 million years! |

|  |
| --- |
| distance craters surface orbit Earth diameter |

1.  The moon completes an \_\_\_\_\_\_\_\_\_ around Earth in 27 days.

2.  The moon has a \_\_\_\_\_\_\_\_\_ of 2,000 miles.

3.  The moon and \_\_\_\_\_\_\_\_\_ are about 4.5 billion years old.

4.  The \_\_\_\_\_\_\_\_\_ from Earth to the moon is about 250,000 miles.

5.  On the moon, there are lots of \_\_\_\_\_\_\_\_\_ .

6.  On the \_\_\_\_\_\_\_\_\_ of the moon there is no weather, so footprints stay there for a long time.

**Read 2**

Read and choose.

|  |
| --- |
| **The Moon**  You can see the moon on most nights. It’s a huge rock that completes one orbit around Earth every 27 days. Even though it sometimes looks close, it’s about 250,000 miles away. It would take 130 days to drive there in a car! The moon is also 2,000 miles in diameter and 4.5 billion years old, about the same age as Earth.  The moon looks bright, but doesn’t make light. It reflects light from the sun! If you look at the moon every night, its shape won’t always look the same. This is because of the way the sun shines on it as it moves around Earth.  Did you know that humans walked on the moon? American astronauts Neil Armstrong and Buzz Aldrin went there in 1969. The surface is very dry and full of craters and rocks. There’s no weather and very little wind. So, if you visit the moon, your footprints will be there for 10 million years! |

1.  The moon is a rock that goes around Earth in 27 days / goes around Earth in 27 years / orbits the stars / goes around the sun.

2.  The moon looks close, but it orbits the sun / and it’s 4.5 billion miles away / but it’s a long distance away / and it reflects light from the sun.

3.  The moon doesn’t make light, it is 27 years old / goes around the sun / is made of rock / reflects light from the sun .

4.  The moon looks different every day because it’s 250,000 years old / it’s 2,000 miles in diameter / it orbits the sun / light shines on it in a different way .

5.  American astronauts went to the sun in 1969 / to the moon in 1969 / around the sun in 1969 / in a space probe in 1969.

6.  On the surface of the moon, there are lots of craters and rocks .

**Read 3**

Read and match.

|  |
| --- |
| **The Moon**  You can see the moon on most nights. It’s a huge rock that completes one orbit around Earth every 27 days. Even though it sometimes looks close, it’s about 250,000 miles away. It would take 130 days to drive there in a car! The moon is also 2,000 miles in diameter and 4.5 billion years old, about the same age as Earth.  The moon looks bright, but doesn’t make light. It reflects light from the sun! If you look at the moon every night, its shape won’t always look the same. This is because of the way the sun shines on it as it moves around Earth.  Did you know that humans walked on the moon? American astronauts Neil Armstrong and Buzz Aldrin went there in 1969. The surface is very dry and full of craters and rocks. There’s no weather and very little wind. So, if you visit the moon, your footprints will be there for 10 million years! |

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

|  |  |
| --- | --- |
| **True** | **False** |
|  |  |

**Grammar in Use 1**

 Read and match.

|  |
| --- |
| I’ll get good grades. she’ll look up at the stars.  the stars will be bright. the teacher will be very happy.  I’ll travel in space. I’ll explore the surface.  we’ll all have spaceships. my mom will be really happy with me. |

|  |  |
| --- | --- |
| 1. If I become an astronaut, |  |
| 2. If I go to Mars, |  |
| 3. If she gets a telescope, |  |
| 4. If I study hard, |  |
| 5. If technology continues to grow, |  |
| 6. If the sky is dark, |  |
| 7. If we work really hard, |  |
| 8. If I clean my room, |  |

**Grammar in Use 2**

Read and complete.

|  |
| --- |
| if you work will see If I become you will see You will  If you If you walk I will travel if you look Your mom will |

1.  \_\_\_\_\_\_\_\_\_\_\_ go out tonight, you \_\_\_\_\_\_\_\_\_\_\_ the stars.

2.  \_\_\_\_\_\_\_\_\_\_\_ see the moon much better \_\_\_\_\_\_\_\_\_\_\_ through a telescope.

3.  \_\_\_\_\_\_\_\_\_\_\_ be really happy \_\_\_\_\_\_\_\_\_\_\_ hard.

4.  \_\_\_\_\_\_\_\_\_\_\_ an astronaut, \_\_\_\_\_\_\_\_\_\_\_ to space.

5.  \_\_\_\_\_\_\_\_\_\_\_ on the moon, \_\_\_\_\_\_\_\_\_\_\_ big craters.

**Grammar in Use 3**

Rearrange the words to make sentences. Start each sentence with *If.*

|  |
| --- |
| he will an astronaut, if he becomes explore the solar system |

1. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

|  |
| --- |
| if he doesn’t become an astronaut, he won’t explore the solar system |

2. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

|  |
| --- |
| the telescope, I won’t be able to see don’t repair the moon if I |

3. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

|  |
| --- |
| the telescope, I will be able to see repair if I the moon |

4. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

|  |
| --- |
| the test we’ll fail don’t study hard, if we |

5. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

|  |
| --- |
| the test study hard, we won’t fail if we |

6. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ .

**Grammar in Use 4**

Read and choose.

1. You won’t become an astronaut ...
   * if you study hard.
   * if you don’t study hard.
2. If you become an astronaut, ...
   * you won’t travel into space.
   * you’ll travel into space.
3. You’ll see a beautiful comet ...
   * if you look in the sky tonight.
   * if you don’t look in the sky tonight.
4. You won’t be able to see the craters on the moon ...
   * if you don’t use a telescope.
   * if you use a telescope.
5. If I don’t have a test next week, ...
   * I will study hard.
   * I won’t study hard

**Listening**

Listen, read, and complete.

|  |  |
| --- | --- |
| Neptune light year to Mars Light  the Earth nearest star |  |

1.  The light from the sun takes only 8 minutes to reach \_\_\_\_\_\_\_\_\_\_\_ .

2.  \_\_\_\_\_\_\_\_\_\_\_ moves at a speed of almost 300,000 kilometers per second.

3.  The distance that light can travel in one year is called a \_\_\_\_\_\_\_\_\_\_\_ .

4.  At the speed of light, you could travel from Earth \_\_\_\_\_\_\_\_\_\_\_ in just 4 minutes!

5.  At the speed of light, you could get to \_\_\_\_\_\_\_\_\_\_\_ in about 4 hours.

6.  At the speed of light, it will still take 4 years to reach the \_\_\_\_\_\_\_\_\_\_\_ to our sun.

**Speaking**

Listen, record Part A or B, then check.

|  |  |
| --- | --- |
| A:How many stars does our solar system have?  B:It has one star, the sun.  A:How much water is in our solar system?  B:I’m not sure, but there is a lot of water on Earth. |  |

**Word Study**

Read and choose.

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

2.  Earth is a long distance / distant from the sun.

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

4.  There was an abundant / abundanceof apples on the tree.

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

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

**Writing Study**

Correct the errors. Select the incorrect text, and type.

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