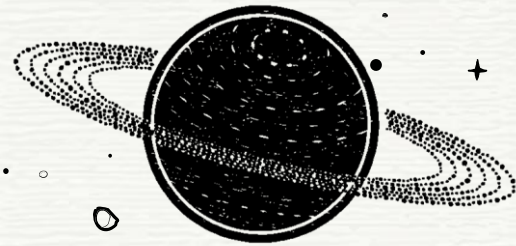


VIDEO LESSONS

ASTRONOMY

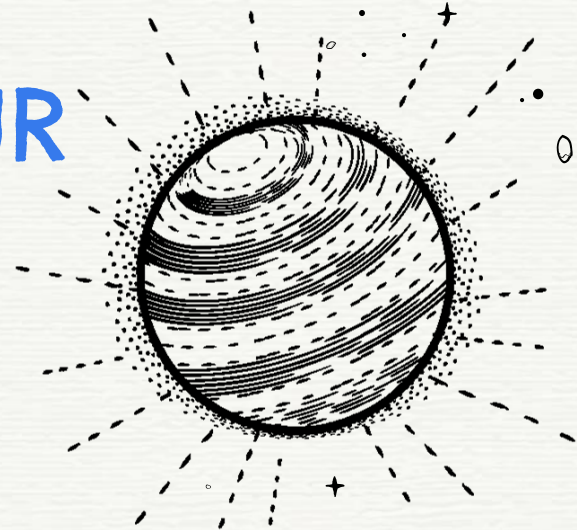
for kids



01

EXPLORING OUR SOLAR SYSTEM

[click here to watch the video](#)



I. Complete the sentences below using the correct words in the bottom-right box.

1. Because of _____, objects in space pull toward each other, and things fall to the ground on Earth.
2. The _____ is the line far away where the land or sea seems to meet the sky.
3. A _____ is a large round hole on the surface of a planet or moon.
4. The tools and machines that you need to do a job are called _____.
5. The mixture of gases all around a planet is called _____.
6. Something is _____ if its shape is not smooth and flat.
7. If something is _____, one of its sides is higher than the other one.
8. An _____ is a curved path that an object in space follows as it moves around a planet, star, or moon.



orbit
tilted
crater
gravity
horizon
irregular
equipment
atmosphere

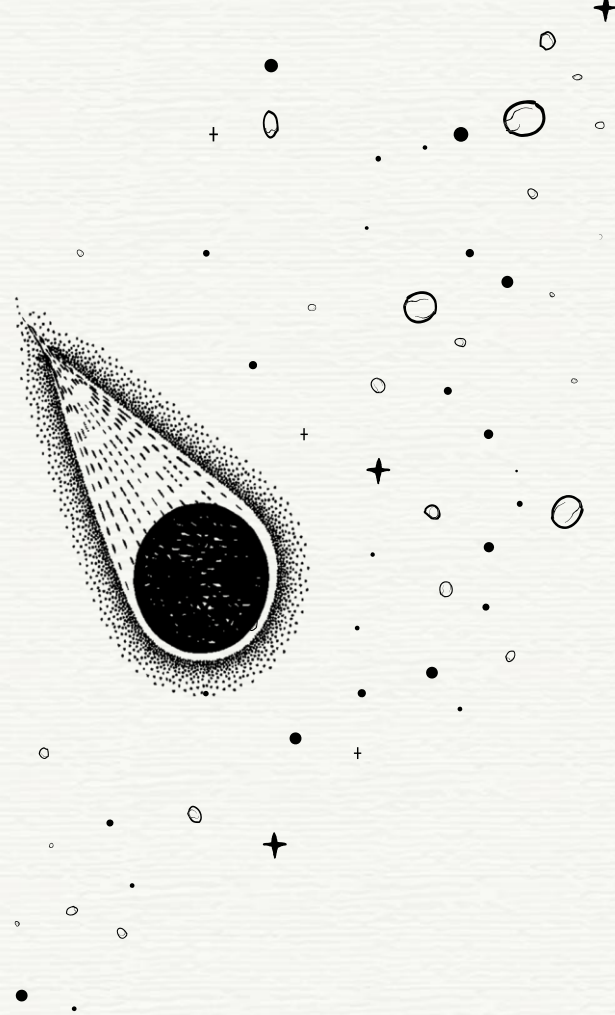
II. Match the descriptions in the left column with the correct space objects in the right column.

| DESCRIPTION | SPACE OBJECT |
|---|--------------|
| 1. It is a Goldilocks planet. | A. Mars |
| 2. It holds the solar system together. | B. Pluto |
| 3. It is like a planet, but much smaller. | C. Earth |
| 4. It has two small and irregular moons. | D. Venus |
| 5. It is the solar system's smallest planet. | E. Saturn |
| 6. It is the largest planet in the solar system. | F. Jupiter |
| 7. It spins sideways because it is greatly tilted. | G. Uranus |
| 8. It is the second-brightest object in the sky at night. | H. the Sun |
| 9. It is a blue planet with a few thin rings and 14 known moons. | I. Mercury |
| 10. It is the farthest planet that we can see from Earth without using a telescope. | J. Neptune |



III. Choose the correct answer.

1. The Sun is almost 93 million miles away from Earth. So, _____.
- A. everything in the solar system is centered around the Sun
 - B. you could fit over one million Earths into the Sun if it were a giant jar
 - C. the Sun looks very small even if it is the biggest object in the solar system
2. The video does NOT say that Mercury _____.
- A. is very similar to Earth's moon
 - B. takes only eight days to go around the Sun
 - C. has both boiling hot and freezing cold temperatures
3. Venus is the hottest planet in the solar system because it _____.
- A. shines like a very bright star
 - B. is closer to the Sun compared to any other planet
 - C. has a thick atmosphere of carbon dioxide that helps it trap heat



III. Choose the correct answer.

4. _____ in the soil on Mars gives the planet its reddish color.
- A. Water ice
 - B. Iron oxide
 - C. Sulfuric acid
5. The Great Red Spot is _____.
- A. one of Jupiter's moons
 - B. an asteroid that circles around Jupiter
 - C. a storm on Jupiter than can be seen from Earth
6. The video says that Saturn's _____ are made from a very large number of ice particles.
- A. rings
 - B. clouds
 - C. moons

IV. Fill in the boxes with the correct letters to complete the sentences below.

1. The Sun is a .

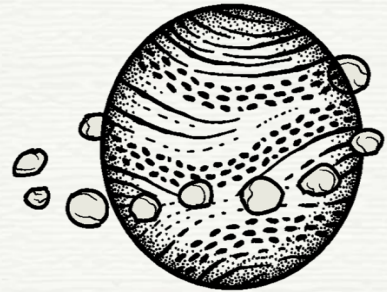
2. Venus and Earth are very similar in size and gravity, but they are very different on the .

3. Jupiter, Saturn, Uranus, and Neptune are giants.

4. Saturn is not a very planet. So, it would float if we could put it in a bathtub that was large enough.

5. Both Uranus and Neptune are blue because they have in their atmospheres.

6. Pluto was first listed as a planet in 2006.



V. Answer the questions below in complete sentences.

1. What would happen if we did not have the Sun?
2. Why are scientists very interested in Mars?
3. How long does Neptune take to finish an orbit around the Sun?
4. How many official planets do we have in our solar system?
5. What is/are the most interesting thing(s) you learned from the video?
6. If possible, which planet(s) in our solar system would you like to visit? Why?

