

Grade: 4

Subject: Science

Topic: Space



ANSWER KEY

1. Which of these is a planet in our solar system?

A) Mars ' CORRECT

B) Pluto

C) The Sun

D) The Moon

2. What causes the phases of the moon?

A) The moon changing size

B) The moon rotating on its axis

C) The Earth's shadow falling on the moon

D) Different amounts of sunlight reflecting off the moon as it orbits Earth ' CORRECT

3. If you were to drop a feather and a hammer on the moon at the same time, what would happen?

A) The feather would fall slower.

B) The hammer would fall slower.

C) They would fall at the same speed. ' CORRECT

D) They would float away.

4. Why do astronauts need special suits in space?

A) To look cool.

B) To keep them warm.

C) To protect them from the extreme temperatures and lack of air. ' CORRECT

D) To help them fly.

5. Imagine you're designing an experiment to see how gravity affects the speed of a falling object. What could you change to test this?

A) The color of the object

B) The material the object is made of

C) The size of the object ' CORRECT

D) The type of music played while the object falls