

# Solar System Challenge

Name: \_\_\_\_\_

Think you know all there is to know about our Solar System? Take on these questions to test your knowledge of our local universe.

**A**

The letters in the circles reveal a hidden space phrase. You may use the internet and books for research if you need to search for clues.

1: What is the name of Saturn's largest moon?

\_\_\_\_\_

2: Where in the Solar System is dwarf planet Ceres?

\_\_\_\_\_ Belt

3: What is the name of the belt in the outskirts of our Solar System?

\_\_\_\_\_

4: What molecule makes Uranus blue?

\_\_\_\_\_

5: Which is the smallest planet in the Solar System?

\_\_\_\_\_

6: What is the name of the dwarf planet that has the most **mass**?

\_\_\_\_\_

7: A planet with just one moon.

\_\_\_\_\_

8: Ganymede, Europa and Callisto are three of the four Galilean moons of Jupiter, what is the name of the fourth?

\_\_\_\_\_

9: What type of object is the Sun?

\_\_\_\_\_

10: Which is the furthest planet from the Sun?

\_\_\_\_\_

11: Inside the mantle of Neptune, which twinkling precious gemstone is thought to fall?

\_\_\_\_\_

12: Olympus Mons on Mars is famous. What is it?

\_\_\_\_\_

13: Which element do humans use in breathing?

\_\_\_\_\_

**B**

How many moons?

Mercury

Venus

Earth

Mars

Jupiter

Saturn

Uranus

Neptune

**C**

Match each space mission below to its in-space destination.

New Horizons

Jupiter

Artemis

Jupiter, Saturn,  
Uranus, Neptune

Voyager 2

Moon

Juno

Saturn and  
its moons

Cassini

Pluto and the  
Kuiper Belt

