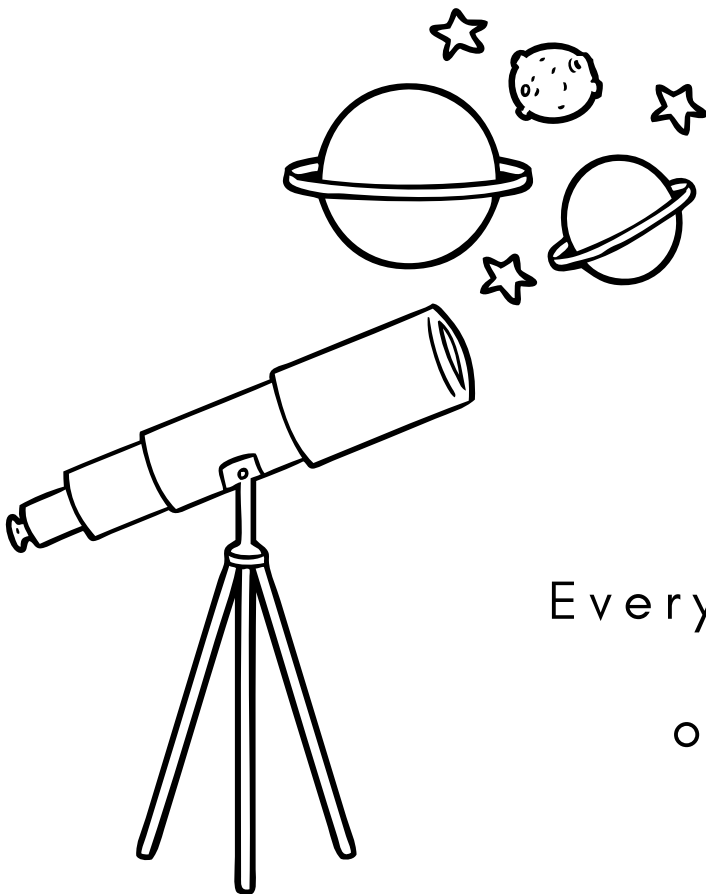


# OUR SOLAR SYSTEM



- **PPTx. Quizzes.**
- **Reading.**
- **Video Overview.**
- **Crossword**
- **Word Find.**
- **Discussion Questions**



Everything to teach the  
basics about  
our solar system



Online Flashcards



Quiz 1

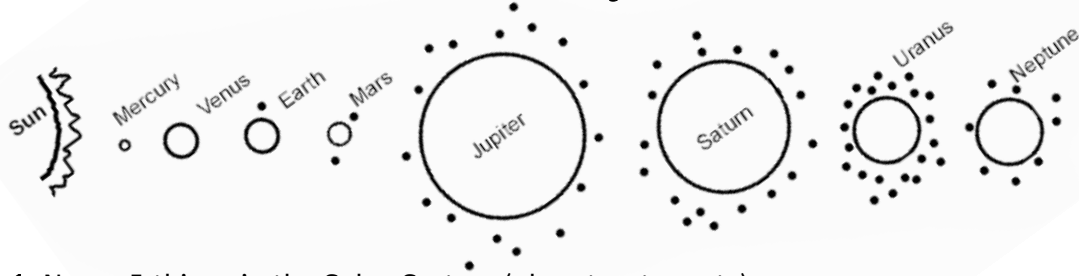


Quiz 2



Intro.

## The Solar System



**Activity 1:** Name 5 things in the Solar System (planets, stars etc).

1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_

**Activity 2:** Answer the following questions using *superlatives* (words ending with 'est').

1. Name the largest planet - \_\_\_\_\_
2. Name the smallest planet - \_\_\_\_\_
3. Name the hottest planet - \_\_\_\_\_
4. Name the coldest planet - \_\_\_\_\_
5. Name the planet closest to the sun - \_\_\_\_\_
6. Name the planet farthest from the sun - \_\_\_\_\_
7. Name the brightest planet in the sky - \_\_\_\_\_

**Activity 3:** Fill in the blanks of the following comparative sentences.

1. Mars is \_\_\_\_\_ than Mercury.
2. Mercury is \_\_\_\_\_ than Neptune.
3. Uranus is \_\_\_\_\_ from the Sun than Saturn, and \_\_\_\_\_ than Neptune.
4. Saturn has \_\_\_\_\_ rings than Uranus.
5. Earth has \_\_\_\_\_ moons than Mars.

**Activity 4:** Answer True or False

1. The Sun is a star, not a planet (True/False)
2. Saturn is the only planet with rings (True/False)
3. Neptune is the farthest planet from the sun (True/False)
4. Earth is in the center of the Solar System (True/False)
5. Mars is the smallest planet (True/False)

**Activity 5:** Answer the following questions.

Word Bank:	Solar	Orbit	Telescope	Star	Rings	Comet
------------	-------	-------	-----------	------	-------	-------

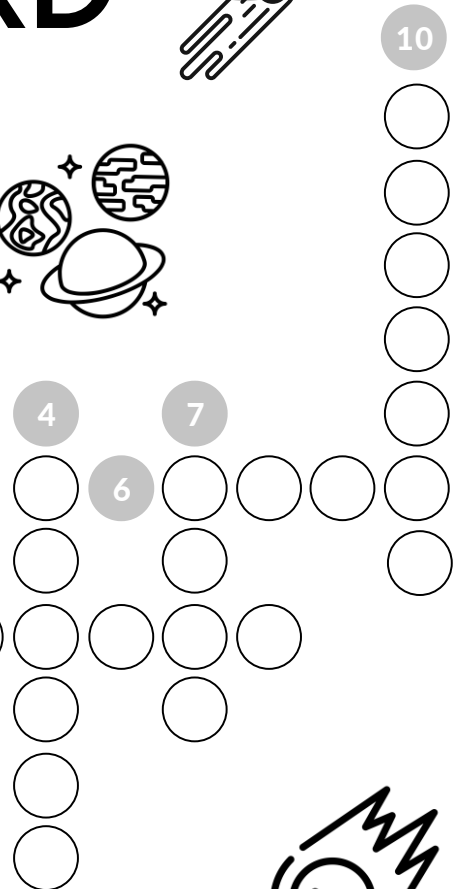
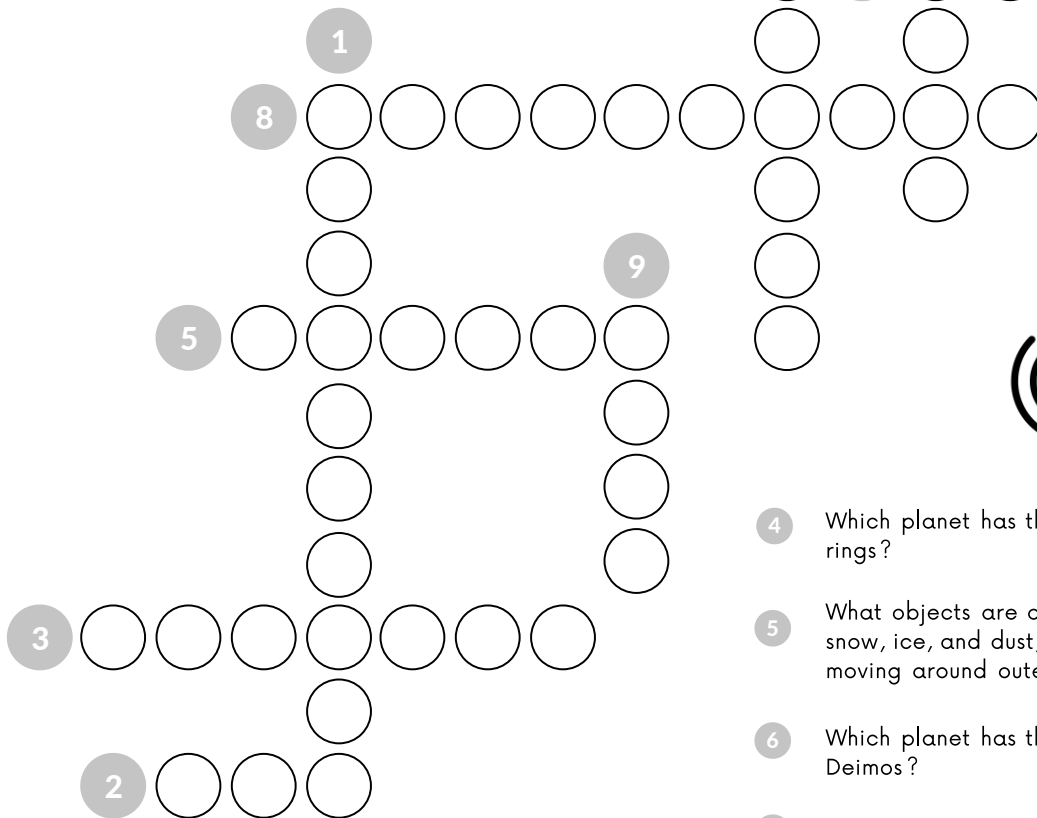
1. Another word for Sun is \_\_\_\_\_. The Sun is not a planet but a \_\_\_\_\_.  
Saturn is surrounded by \_\_\_\_\_.
2. Another word for shooting star is a \_\_\_\_\_.
3. An instrument used to look into space is called a \_\_\_\_\_.
4. Planets move in an \_\_\_\_\_ around the Sun.

# SOLAR SYSTEM CROSSWORD



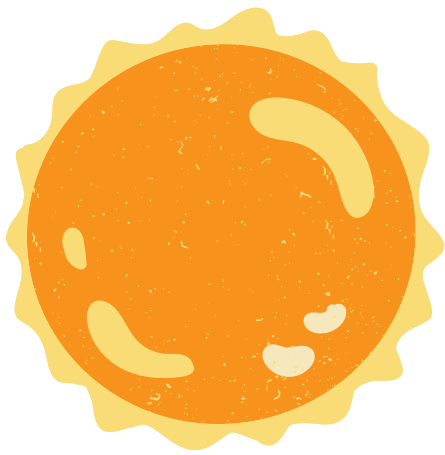
Answer the questions and fill in the crossword with the correct answers.

- 1 One turn around the Earth's axis every 24 hours is called .....
- 2 What is the center of our solar system?
- 3 This planet is famous for its red spot.



- 4 Which planet has the most number of rings?
- 5 What objects are commonly made of snow, ice, and dust, and can be found moving around outer space?
- 6 Which planet has the moons Phobos and Deimos?
- 7 This is Earth's satellite.
- 8 The moon's light is caused by ..... from the Earth.
- 9 The Sun is a .....
- 10 This occurs when one heavenly body (moon or planet) moves into the shadow of another.

Date \_\_\_\_\_ Name \_\_\_\_\_

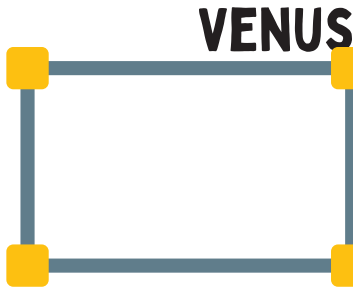


# PLANET FACTS

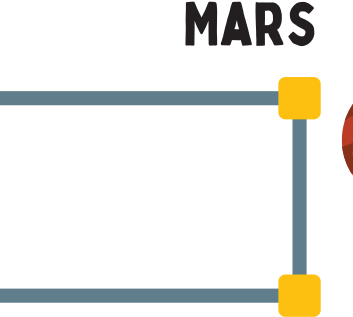
## SOLAR SYSTEM



**MERCURY**



**VENUS**



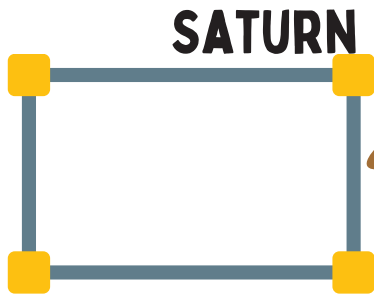
**MARS**



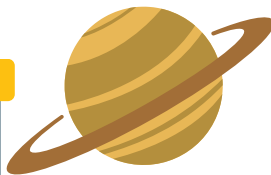
**EARTH**



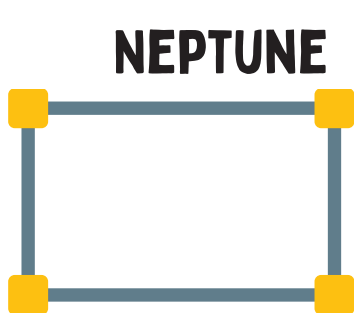
**JUPITER**



**SATURN**



**URANUS**



**NEPTUNE**



FUN FACT:

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# QUESTIONS ABOUT SPACE

What does NASA stand for?

How far is Mars from earth?

How long would it take to get to Mars?

How many moons does Mars have?

Is there life on Mars?

What is an asteroid?

Can you hear sounds in space?

What is the temperature on Mars?

How many satellites orbit earth?

Is space a vacuum?

Why is Mars red?

When will Mars be visible?

How big is Mars?

What is the atmosphere?

Is Mars bigger than Earth?

How long is a year on Mars?

How much do astronauts make?

How do you become an astronaut?

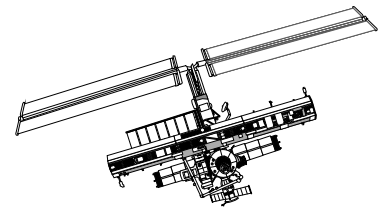
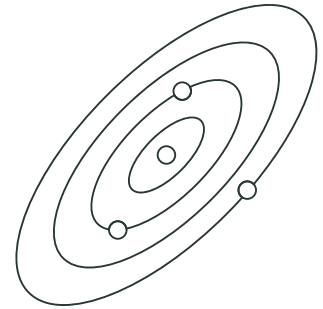
Does Mars have an atmosphere?

What are the layers of the atmosphere?

What is space time?

How long does it take to get to space?

Who was the first man in space?



What does Mars look like?

When can you see Mars?

Does the moon have an atmosphere?

Who was the first American in space?

Can you see Mars in the sky?

When was Mars discovered?

What does "orbit" mean?

Can you see the Great Wall of China from space?

What is the size of Mars?

What is the diameter of Mars?

How long does it take Mars to orbit the sun?

Can we live on Mars?

What is the atmosphere of earth?

Where is the asteroid belt?

Who was the first woman in space?

Why is space black?

How far away is space?

How big is the International Space Station?

How many light years away is Mars?

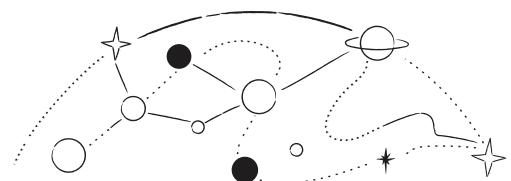
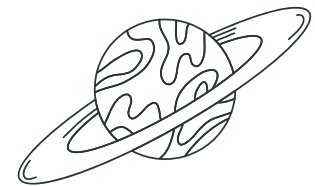
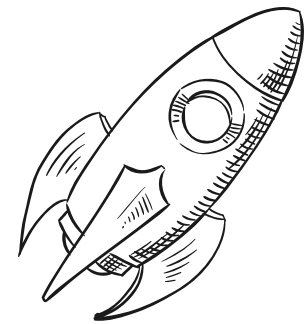
How big is Mars compared to earth?

Where is Mars in the sky?

Why is Mars called the red planet?

Does Mars have water?

Does Mars have gravity?



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



# SPACE WORD SEARCH

Circle words in the puzzle below

E	Q	D	L	H	W	N	T	P
S	A	M	O	O	N	A	O	M
U	L	R	N	N	C	L	R	E
N	U	S	T	A	R	S	B	R
E	N	A	O	H	W	O	I	C
A	A	T	M	A	R	S	T	U
R	R	U	C	O	M	E	T	R
Z	G	R	A	V	I	T	Y	Y
V	E	N	U	S	G	E	R	W

earth

stars

venus

comet

sun

mars

mercury

orbit

moon

saturn

gravity

lunar

# SPACE TRIVIA



Let's test your knowledge about Space. Read each question carefully and select the correct answer.

The closest planet to the sun is?



Jupiter



Earth



Mercury



Uranus

Which planet is the least dense in the Solar System?



Saturn



Venus



Jupiter



Neptune

Which planet is named after the ancient Roman god of war?



Mars



Earth



Venus



Saturn

Which planet is the brightest natural object in Earth's night sky after the Moon?



Saturn



Venus



Neptune



Jupiter

The fastest spinning planet in our solar system is?



Mars



Jupiter



Mercury



Uranus

The most distant planet from the sun is?



Neptune



Uranus



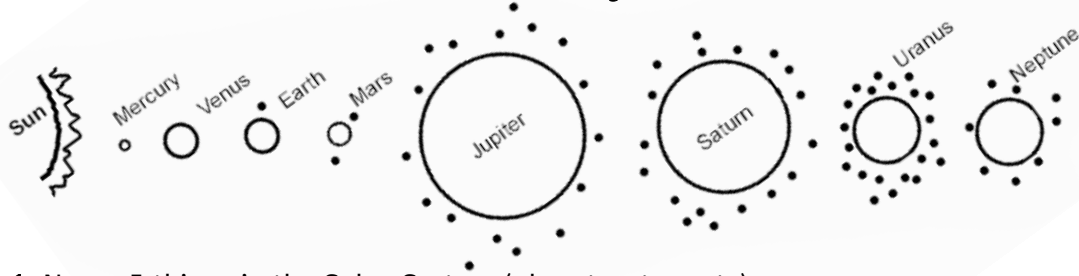
Mars



Earth



## The Solar System



**Activity 1:** Name 5 things in the Solar System (planets, stars etc).

1. eg`                      2. b`S` We                      3. \_aa`e                      4. Sa`Wa`Ve                      5. Ua` We

**Activity 2:** Answer the following questions using *superlatives* (words ending with 'est').

1. Name the largest planet - g`b`f`W
2. Name the smallest planet - ?`W`U`g`k
3. Name the hottest planet - H`W`g`e
4. Name the coldest planet - Neptune
5. Name the planet closest to the sun - ?`W`U`g`k
6. Name the planet farthest from the sun - @`W`f`g``W
7. Name the brightest planet in the sky - H`W`g`e

**Activity 3:** Fill in the blanks of the following comparative sentences.

1. Mars is colder than Mercury.
2. Mercury is hotter than Neptune.
3. Uranus is farther from the Sun than Saturn, and smaller than Neptune.
4. Saturn has larger rings than Uranus.
5. Earth has more moons than Mars.

**Activity 4:** Answer True or False

1. The Sun is a star, not a planet (True/False)
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------------	-------	-------	-----------	------	-------	-------

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# SOLAR SYSTEM CROSSWORD



Answer the questions and fill in the crossword with the correct answers.

- 1 One turn around the Earth's axis every 24 hours is called .....
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10  
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- 4 Which planet has the most number of rings?
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Jupiter

The fastest spinning planet in our solar system is?



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Mercury



Uranus

The most distant planet from the sun is?



Neptune



Uranus



Mars



Earth



# PLANET FACTS SOLAR SYSTEM

## MERCURY



This is the first planet closest to the Sun and the smallest in our solar system.

## VENUS

One day in Venus is longer than one day on Earth.



## EARTH

Earth was once believed to be the center of the universe, until it was debunked by Galileo Galilei.



## MARS

Mars has two moons and is the last of the terrestrial planets along with Mercury, Venus, and Earth.



## JUPITER

The Great Red Spot visible in Jupiter is a storm that has been going on for at least 350 years. It is massive enough to fit three Earth-sized planets in it.



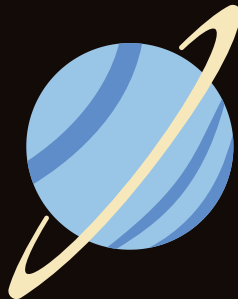
## SATURN

Saturn's orbit around the Sun is every 29.4 Earth years



## URANUS

Uranus has the lowest temperature of all the planets, with a minimum atmospheric temperature of  $-224^{\circ}\text{C}$ .



## NEPTUNE

One year in Neptune is equal to 165 years on Earth .



**FUN FACT: PLUTO IS NO LONGER CONSIDERED A PLANET SINCE 2006!**

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