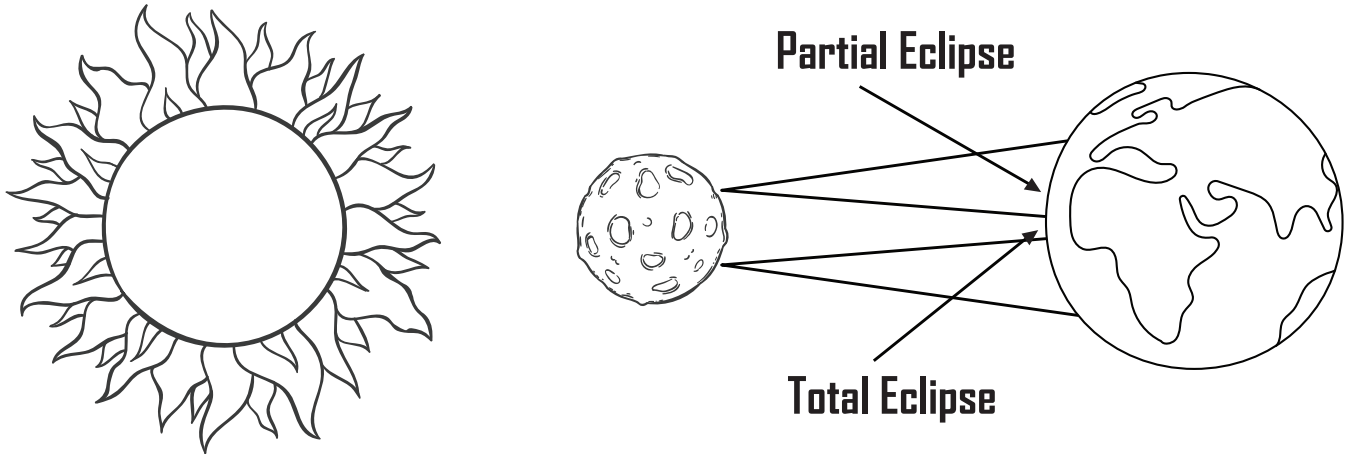


NAMES: \_\_\_\_\_

# Solar Eclipse

Directions: Color the picture, and trace the words.



During a solar eclipse the

earth

is in the shadow of the

moon

NAMES: \_\_\_\_\_

# Solar Eclipse

## Word Search

Directions: Find the solar eclipse vocabulary words in the puzzle.

**ANNULAR**

**MOON**

**ECLIPSE**

**SUN**

**EARTH**

**PARTIAL**

**LIGHT**

**TOTAL**

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

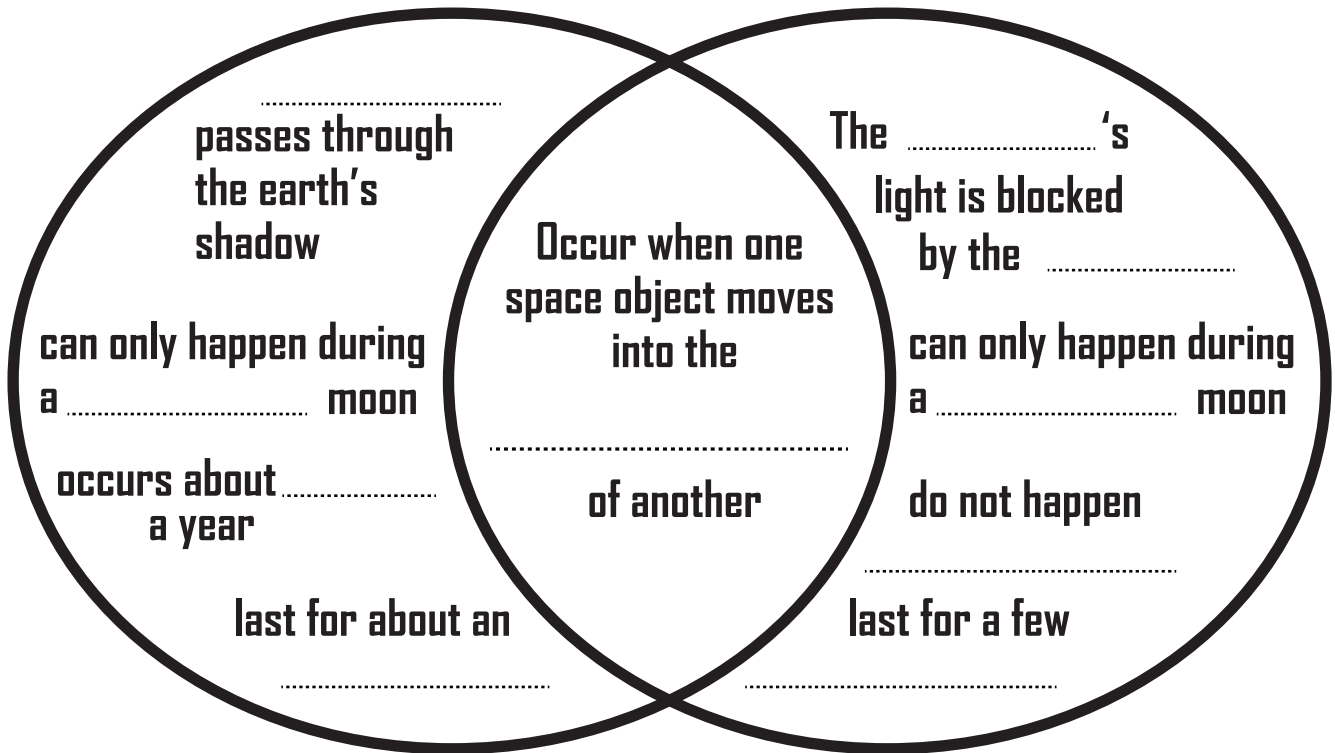
NAMES: \_\_\_\_\_

# Lunar and Solar Eclipses

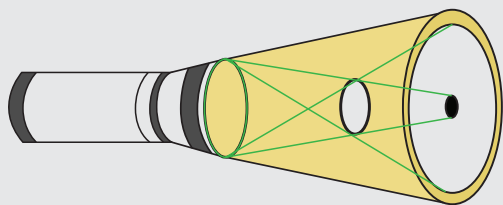
**LUNAR**

**BOTH**

**SOLAR**



Demonstrate what's happening during a solar eclipse on a smaller scale. All you need is a flashlight, a quarter and a partner. Aim the flashlight at your partner's face. Then have your partner hold up the quarter so that it blocks the light.



What happened?

-----

Which one is the earth?

-----

Which one is the sun?

-----

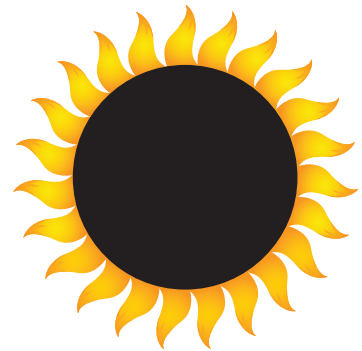
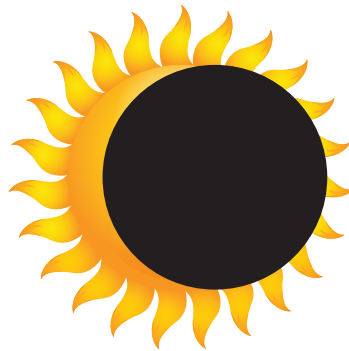
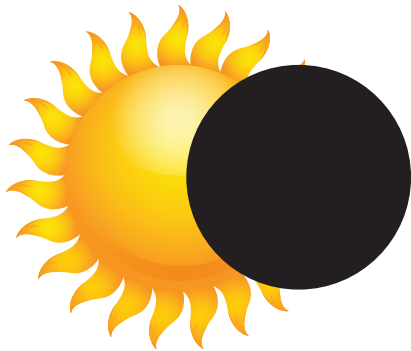
Which one is the moon?

-----

NAMES: \_\_\_\_\_

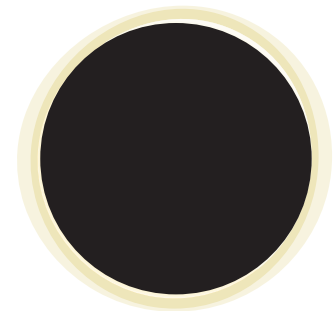
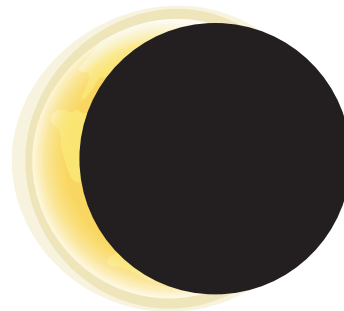
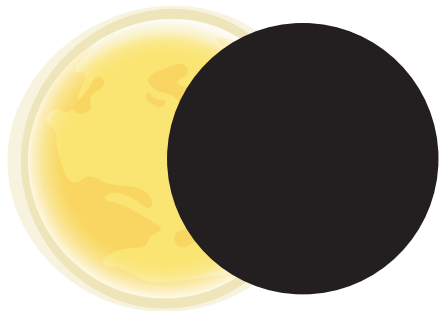
# Solar Eclipse vs Lunar Eclipse

An eclipse is an obscuring of the light caused by the passage of one object between a source of the light and another object.



## Solar Eclipse

A solar eclipse occurs when the moon moves between the sun and the earth, partially or fully blocking the sun. There are two to five solar eclipses every year.



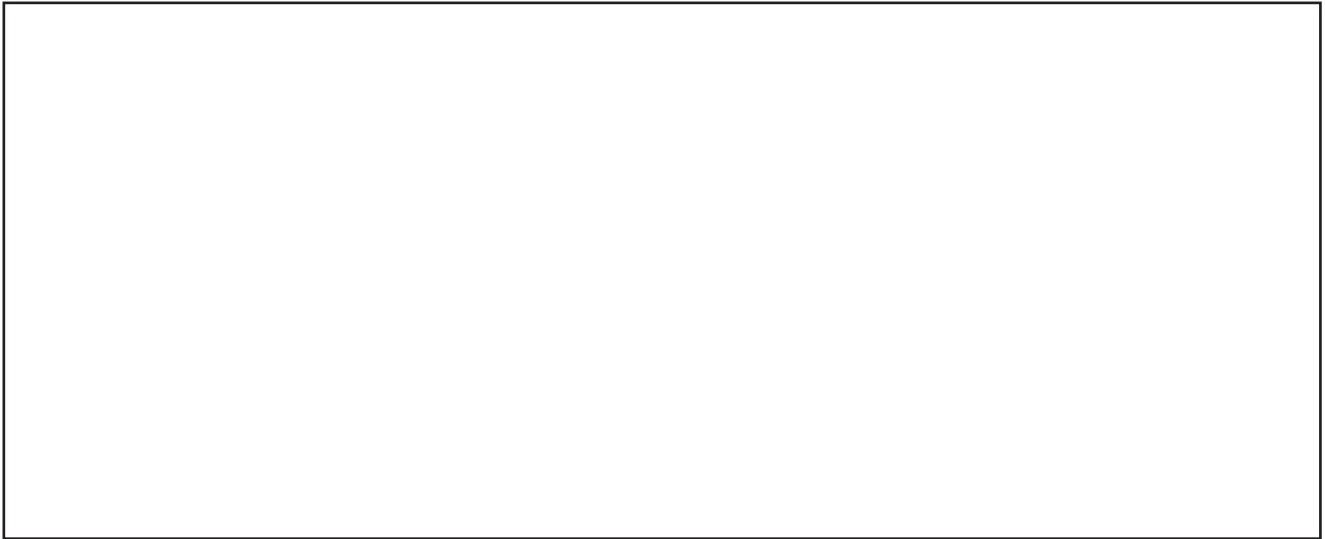
## Lunar Eclipse

A lunar eclipse occurs when the earth moves between the sun and the moon. There are at least two lunar eclipses every year.

NAMES: \_\_\_\_\_

# Lunar and Solar Eclipses

**Draw a picture of the position of the moon, sun and earth during a lunar eclipse.**



**Draw a picture of the position of the moon, sun and earth during a solar eclipse.**



# SOLAR ECLIPSE

**DID YOU WEAR  
SOMETHING TO  
SEE THE SUN?**

**NAME:** .....

**YES**

**NO**

**I AM**  **YEARS OLD**

**This is what the eclipse looked like:**

**TODAY'S WEATHER IS**

**I WATCHED THE ECLIPSE AT**

**DID IT GO TOTALLY DARK?**

**YES**     **NO**

**I will remember most from the eclipse  
is the**

.....  
.....  
.....  
.....  
.....  
.....