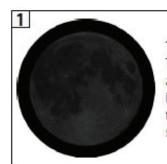
Week 4 Virtual Camp Sampler

(Ages 13 and up)



MONDAY

Phases of the Moon: Remove one half of eight Oreos. Next use a spoon or a toothpick and scrape away the inside filling to match each phase of the moon. Best part...you can eat them once you're done!(Photo from Nature Watch)

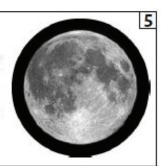


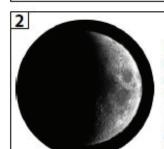
New Moon

This is the first of the Moon phases. The Moon is not visible (except during a solar eclipse) because the Moon is in between the Sun and the Earth and the Sun's light is shining on the back side of the Moon.



The full Moon occurs when the Earth is between the Moon and the Sun. The Moon as seen from the surface of the Earth is fully illuminated by the Sun at this time, presenting a fully lit circle to viewers on Earth. This is the phase that a lunar eclipse occurs in if the Moon, Earth and Sun are lined up closely.



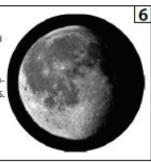


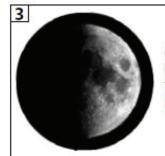
Waxing Crescent Moon

"Waxing" means the lit part of the Moon is getting bigger. When the Moon is waxing, the bright part is on the right side of the Moon (in the Northern hemisphere). The Moon appears to be partially illuminated.

Waning Gibbous Moon

"Waning" means the lit part of the Moon is shrinking. When the the Moon is said to be waning, we see a little less of the Moon each day until it completely disappears when the new Moon phase occurs. The bright part is on the left side of the Moon when it is waning. The Moon appears to be more than one-half illuminated by direct Sunlight.



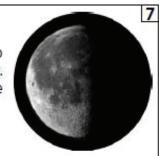


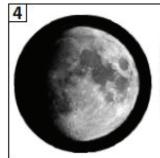
First Quarter Moon

One-half of the Moon appears to be illuminated by direct sunlight. The fraction of the Moon that is illuminated is increasing.

Third Quarter Moon

One-half of the Moon appears to be illuminated by direct sunlight. The fraction of the Moon's face that is illuminated is decreasing.





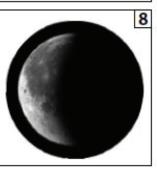
Waxing Gibbous Moon

More than half of the Moon appears to be lit. The fraction of the Moon's face that is illuminated is increasing.

Waning Crescent Moon

The Moon appears to be partially illuminated by direct sunlight.

The fraction of the Moon that is illuminated is decreasing. After this phase, the Moon goes to the new Moon phase and the cycle begins again.



TUESDAY

Seasonal Escape Room: Nocturnal Animals vary by season. Check out our virtual escape room and see if you can unlock each lock.

https://platform.breakoutedu.com/game/play/seasonal-secrets-618623-ZXRJENGP5E

WEDNESDAY

Nocturnal Animal Riddles: Can you solve each riddle?

We hop and hide in the seasonal pools And deafen the darkness with our "comb-like" calls Just an inch in length, we blend beautifully with our world Our world is the freshness of spring Who am I?

Silently watching, always scouting the land The "ghost" dog's keen senses have the upper hand Quickly sniffing out and stalking prey nearby Its footprints will show the meaning of "sly" Who am I?

Fishing by night, sleeping by day Up in a tree is where I may lay Some may call me stealthy while wearing my mask BUT CRASH with my five fingers I can open your trash! Who am I?

THURSDAY

Nature Journal: Look for fireflies in the evening.

Did you know fireflies emit light to communicate? Some of these reasons to communcate may be to find love, defend territory or themselves against predators.

Create a map in your journal. Place an X in the middle of the paper where you are. Choose another symbol to represent the flash of a firefly. Every time you see a flash mark that on your paper in relation to where you are.

When you are done reflect on what each flash was trying to communicate to each firefly and to you.



FRIDAY

Nocturnal Animals Word Search: See if you can find all the hidden nocturnal animal words.

В	I	G	В	R	0	W	N	В	Α	T	W	U	R
U	N	R	0	C	K	E	F	U	D	Υ	U	G	С
С	W	F	В	Α	R	R	E	D	0	W	L	0	С
G	М	0	0	X	Ε	S	U	0	М	R	Ε	Ε	D
R	D	G	Α	0	Ε	М	S	X	T	R	K	Υ	G
Ε	С	S	S	I	I	G	С	Н	G	E	W	E	0
Υ	0	K	K	М	Ε	Р	R	W	С	0	Α	0	R
F	Υ	S	Υ	U	G	С	E	R	F	0	Н	N	F
0	0	X	0	S	N	N	E	U	R	F	T	R	D
X	Т	0	R	S	Υ	K	С	Р	Ε	R	Н	G	0
0	Ε	F	R	0	Н	Υ	Н	W	D	K	G	F	0
R	В	D	0	Р	0	Α	0	S	Υ	X	I	U	W
D	D	E	E	0	W	E	W	K	P	X	N	W	0
0	T	R	G	N	В	R	L	T	0	0	I	K	Н

DEER MOUSE
GREY FOX
SCREECH OWL
OPOSSUM
BARRED OWL
WOOD FROG
COYOTE
SKUNK
NIGHTHAWK
RED FOX
BIG BROWN BAT