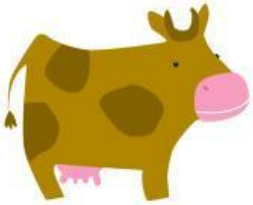
Mammals and Reptiles

Animals that have fur are called mammals.
Look at the pictures and circle all of the mammals.




Animals that have dry skin and scales are called reptiles.
Look at the pictures and circle all of the reptiles.








Mammals and Birds

1 Read the story.

Animals fit into different groups, such as **mammals** and **birds**. Mammals have fur and drink milk. They have ears that stick out. Dogs, horses, and giraffes are mammals. Birds have feathers and lay eggs. Baby birds hatch from these eggs. Cardinals and robins are two kinds of birds.

2 Check True or False.

All animals drink milk.

☐ True ☐ False

Mammals have fur.

☐ True ☐ False

Horses are mammals.

☐ True ☐ False

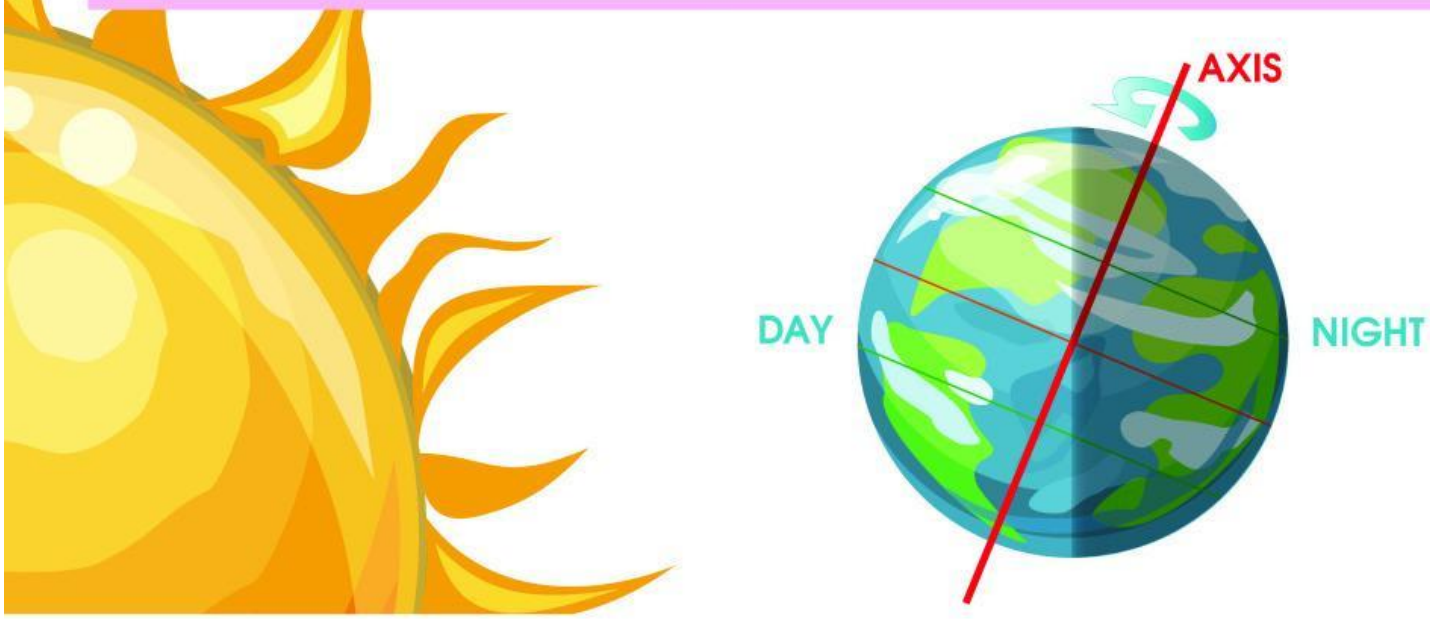
Giraffes and robins are in the same group.

☐ True ☐ False

Our Solar System: Earth's Rotation

The Earth spins around on its axis once every day. Daytime is when one part of the Earth faces the Sun. When that part of the Earth faces away from the Sun, it is nighttime.

Look at the picture. Then, read the questions and check the correct answers.



What do we call the movement of Earth on its axis?

- [ ] Rotation
- [ ] Revolution

What happens when the Earth rotates on its axis?

- [ ] Day and night
- [ ] Winter, spring, summer and fall

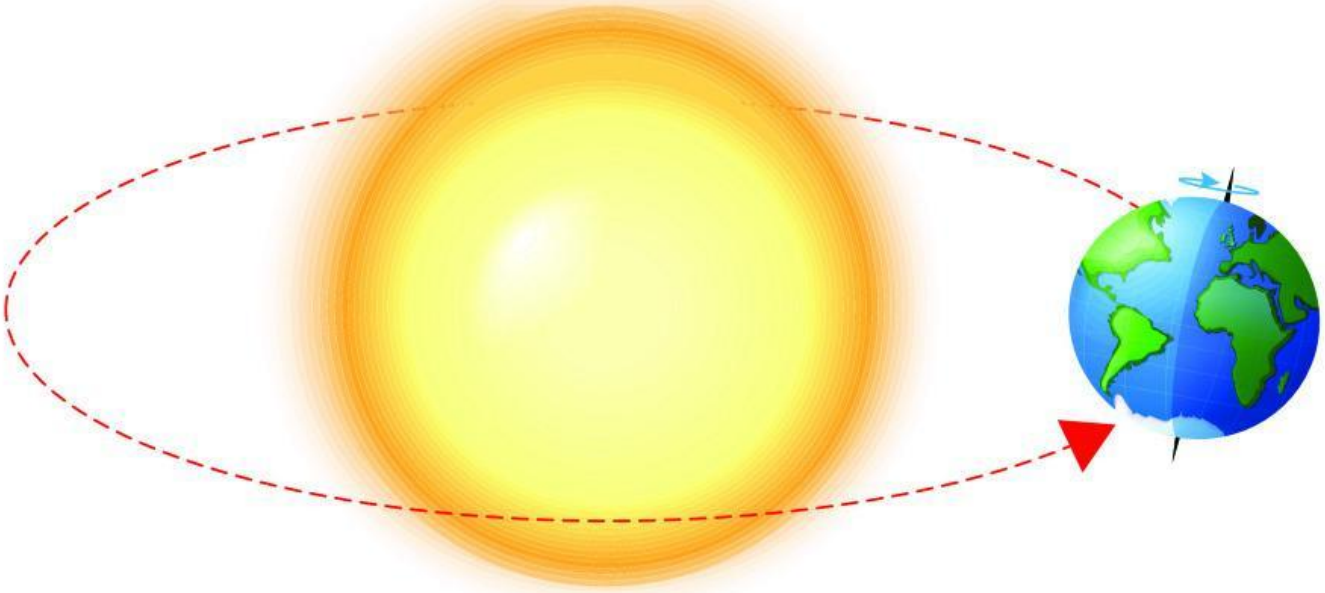
How long does one rotation on Earth's axis take?

- [ ] 24 hours, or 1 day
- [ ] 12 months

Our Solar System: Revolution

REVOLUTION is when the Earth moves around the Sun. Every year, as the Earth orbits the Sun, many places have changing seasons.

Look at the picture. Check the correct answers to complete the sentences below.



The movement of the Earth around the Sun is called

- [ ] Rotation
- [ ] Revolution

One revolution takes about

- [ ] 365 days, or 1 year
- [ ] 24 hours, or 1 day

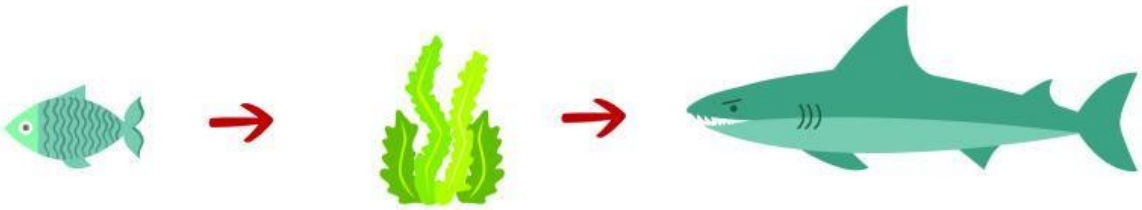
Revolution gives us

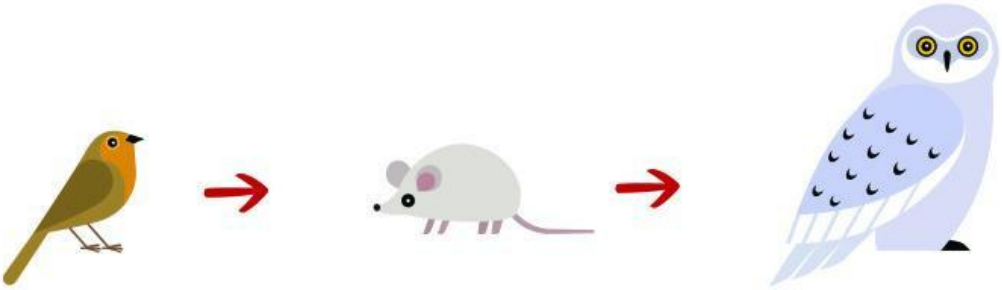
- [ ] Day and night
- [ ] The seasons

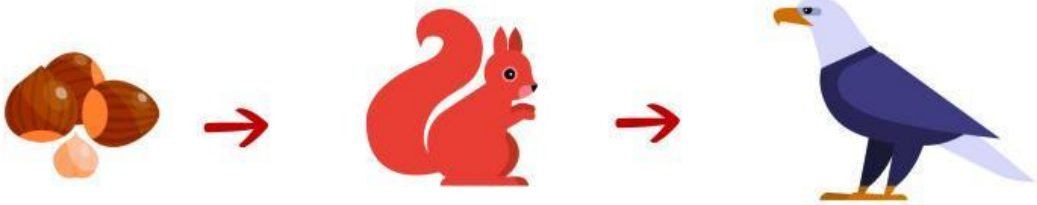
Food Chains

Animals get energy from the food they eat.
A **food chain** shows how each living thing gets food.

Choose the food chains that show the correct flow of energy.



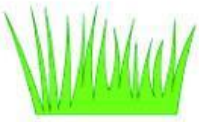




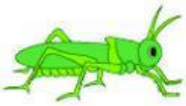
SIMPLE FOOD CHAIN

ScienceFacts.net

Choose the food chains that show the correct energy flow.

☐  →  →  → 

Grass | Deer | Snake | Mountain Lion

☐  →  →  → 

Grasshopper | Mouse | Snake | Hawk

☐  →  →  → 

Green Plant | Bees | Bird | Snake

☐  →  →  →

Algae | Krill | Adelie Penguin | Killer Whale

☐  →  →  → 

Green Plant | Squirrel | Snake | Owl

Life Cycle of a Frog

Choose the correct name for each stage of the life cycle of a frog.

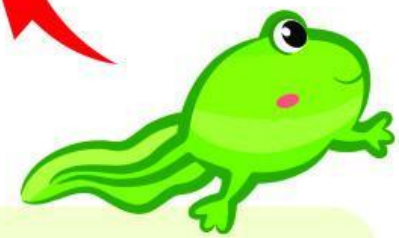
tadpole eggs

frog

tadpole

tadpole with legs

frog



tadpole with legs

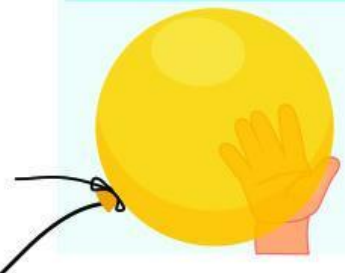
eggs

froglet frog

KIDS ACADEMY

TRANSPARENT, TRANSLUCENT, OR OPAQUE?

For each object check off whether it's transparent, translucent, or opaque.

	TRANSPARENT	TRANSLUCENT	OPAQUE
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐

Light and Shadows

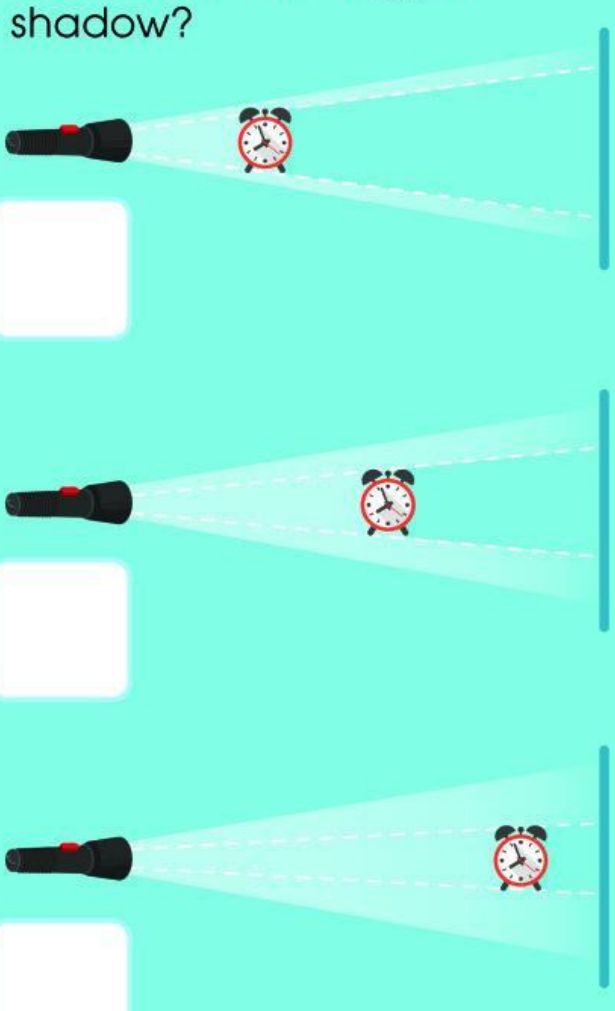
Light travels from its source in a **straight line** in the form of **rays**. When light is blocked by an object at some distance, a shadow is formed behind the object.

The closer an object is to a source of light, **the bigger** its shadow is.

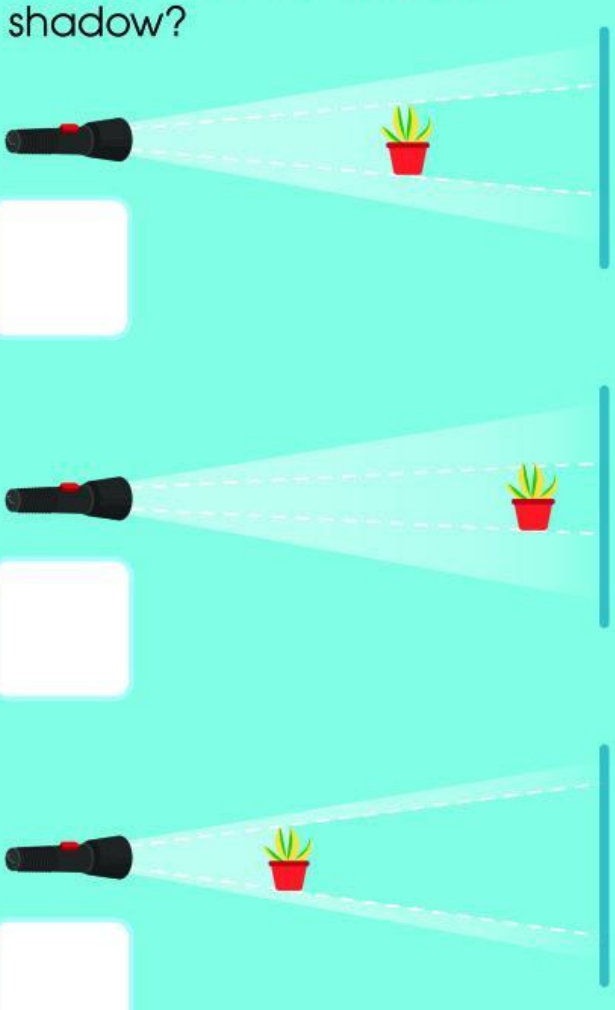
The farther an object is from a source of light, **the smaller** its shadow is.

Answer the questions. Check the correct boxes.

1. In which position will the clock cast the biggest shadow?



2. In which position will the cactus cast the smallest shadow?



Producers, consumers, and decomposers

Grade 3 Science Worksheet

All living things need energy. Depending on how they get their energy, living things are either producers, consumers, or decomposers.

Producers make their own energy from sunlight, air, and soil.

Consumers cannot make their own energy. They must eat other living things.

Decomposers break down and eat dead plants and animals.

Write producer, consumer, or decomposer for each living thing.

1. grass _____

2. elephant _____

3. bacteria _____

4. tiger _____

5. acacia tree _____

6. earthworm _____

7. mushroom _____

8. blackberry plant _____

9. grizzly bear _____

10. rattlesnake _____

Answers

Write producer, consumer, or decomposer for each living thing.

1. grass

producer

2. elephant

consumer

3. bacteria

decomposer

4. tiger

consumer

5. acacia tree

producer

6. earthworm

decomposer

7. mushroom

decomposer

8. blackberry plant

producer

9. grizzly bear

consumer

10. rattlesnake

consumer

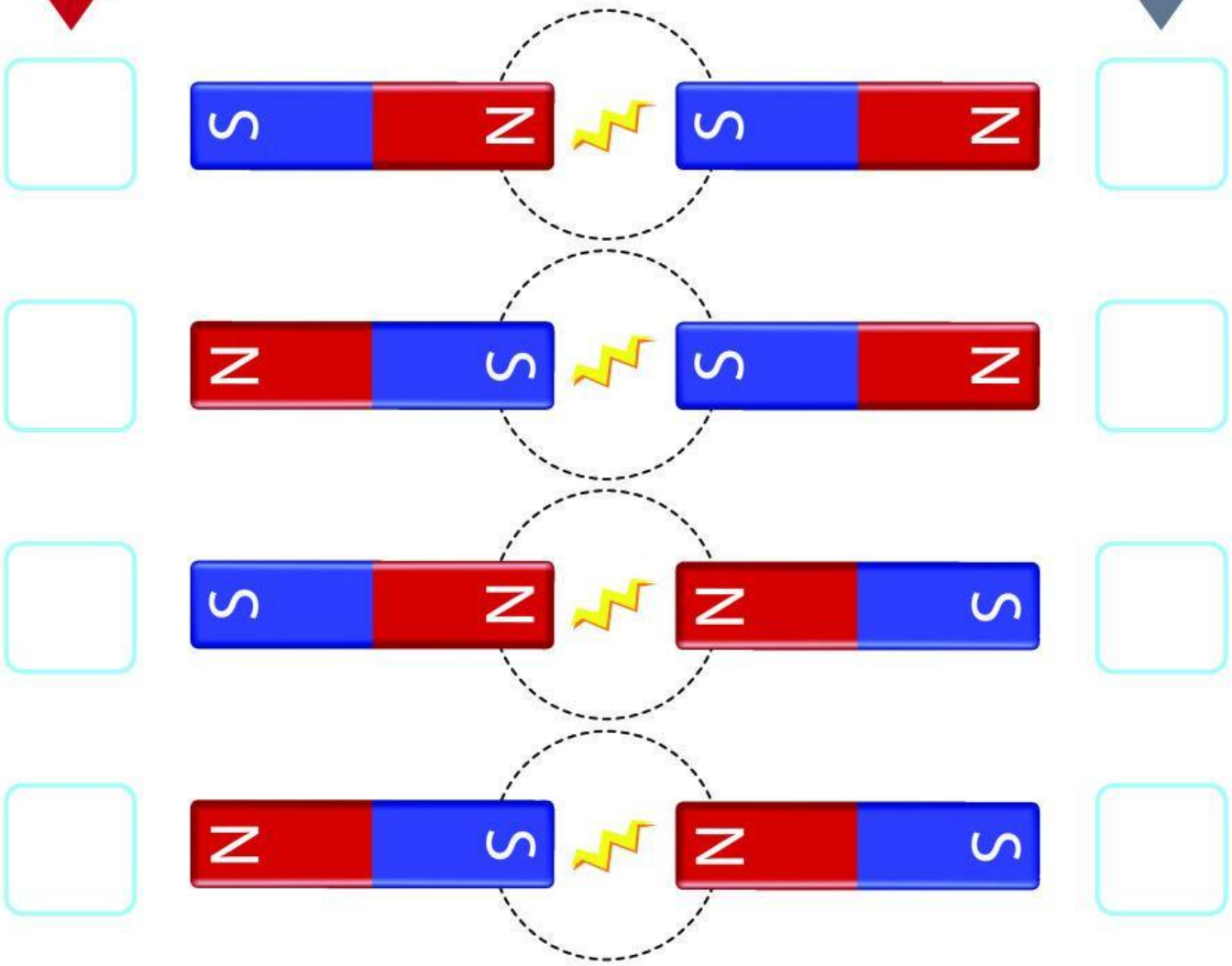
Poles of a Magnet

Magnets always have two poles: a **north pole** and a **south pole** (N and S).

Opposite poles attract.
Same poles repel.

Check **Attract** if the two magnets will **attract**.
Check **Repel** if the two magnets will **repel**.

Attract | **Repel**



Learn about Magnets

Magnets only pull certain types of metals. Other materials such as glass, plastic and wood are not magnetic.

In each row, check the correct box.

Object	Magnetic	Non-Magnetic
		
		
		
		
		
		

MOON Journal

Kyle is keeping a moon journal. Look at his pictures and check off the box that has the correct name of the moon phase.

☐ New Moon ☐ First Quarter

☐ Full Moon ☐ First Quarter

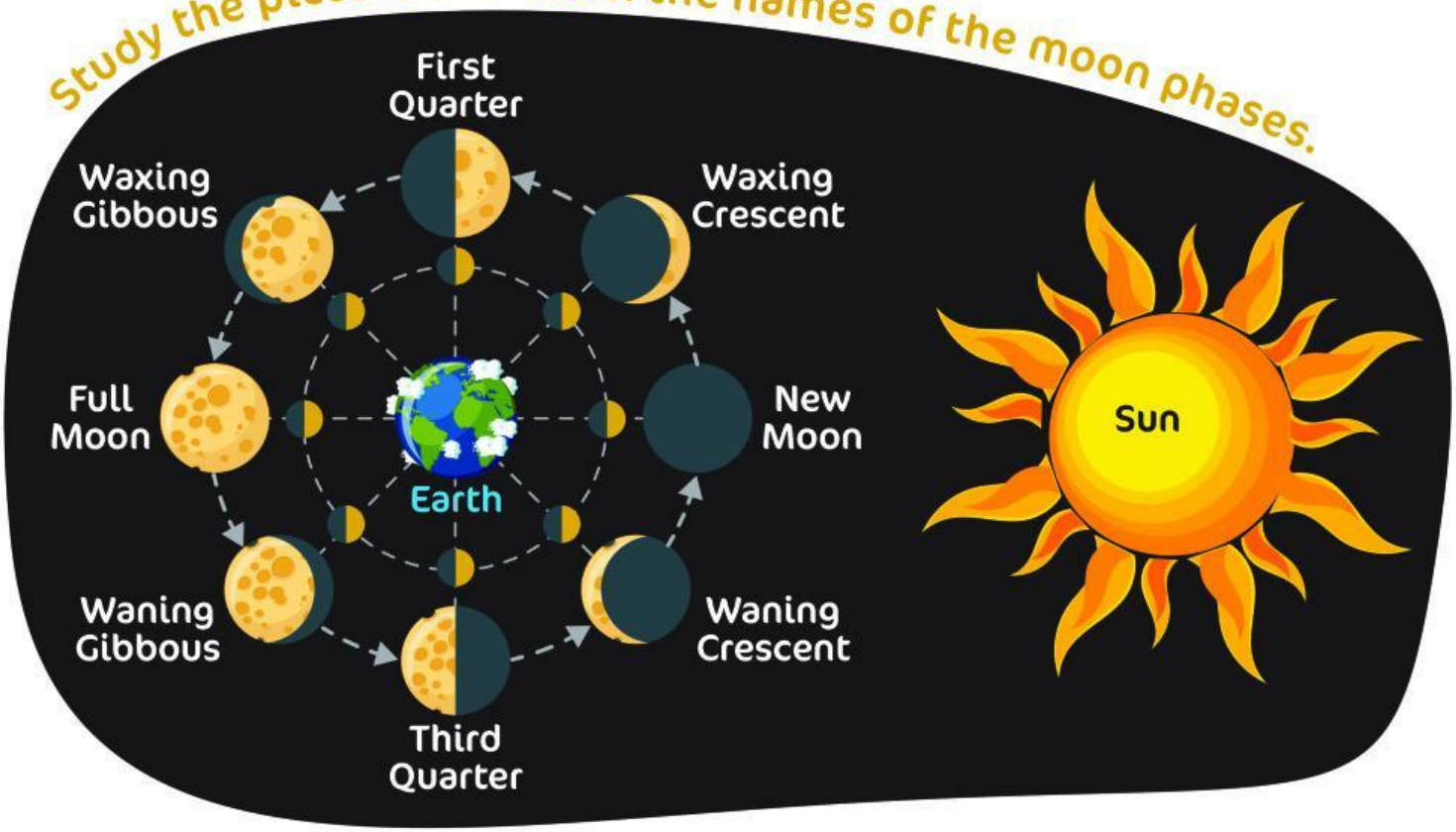
☐ Last Quarter ☐ Full Moon

☐ New Moon ☐ Last Quarter

Phases of the Moon

The Moon doesn't have light of its own. We see it shining at night because it reflects the light from the Sun. The half of the Moon turned towards the Sun is always lit up. However, on different nights we see different portions of the moon shining. This happens because the Moon rotates around the Earth. The part of the moon we see shining is called a phase of the moon.

Study the picture and learn the names of the moon phases.



Check the correct answers to complete the sentences.

1. When we see the entire surface of the moon shining, we call it _____.

Full Moon

Third Quarter

2. When we see the smallest portion of the moon shining on the right side, it's called _____.

Waning Crescent

Waxing Crescent

3. When we see the left half of the moon lit up, it's _____.

Third Quarter

Waning Gibbous