

Curious Quest Kits

LET'S LEARN ABOUT

Pollinators



What are Pollinators?

Pollinators are animals that help plants make new seeds and fruits by moving pollen from one flower to another. They're super important because they help plants grow food, which also helps other animals and people too!

Types of Pollinators

There are different kinds of pollinators, like bees, butterflies, birds, bats, and even some bugs!

Each pollinator has its own special way of helping plants, like bees buzzing from flower to flower or butterflies fluttering around.

Pollination Process

Pollination is like nature's way of matchmaking for plants! It's when pollen (kind of like plant dust) gets moved from one flower to another.

This helps flowers make seeds and grow into fruits that we can eat, like apples or strawberries.

Pollinator Habitats

Pollinators live in lots of different places, like gardens, parks, and even in cities!

It's important to make sure they have good homes to live in, so they can keep helping plants grow.

Ways to Help Pollinators

We can help pollinators by planting flowers they like, avoiding harmful pesticides, and keeping our environment clean.

Even small actions, like setting up a bee-friendly garden or telling others about pollinators, can make a big difference!

Threats to Pollinators

Sometimes pollinators face problems, like losing their homes or getting sick from chemicals in the environment.

If we don't take care of them, it could be bad for plants, animals, and even us!

Fascinating Facts and Examples

Did you know that some bees can dance to tell other bees where to find flowers with yummy nectar?

And monarch butterflies can fly thousands of miles during their migration journey - that's like flying across a whole country!

Flying Pollinators

Bees: Most bees are known for their flying abilities and are among the most common pollinators. They flit from flower to flower collecting nectar and pollen.

Butterflies: Butterflies are another well-known flying pollinator. They use their wings to flutter from one flower to another, sipping nectar along the way.

Moths: Like butterflies, moths also have wings and can fly, though they are usually more active at night. They play a crucial role in pollination, especially for night-blooming flowers.

Hummingbirds: These small birds are excellent flyers and are known for their ability to hover in front of flowers while they feed on nectar. They are important pollinators for certain types of flowers, especially those with long, tubular blooms.

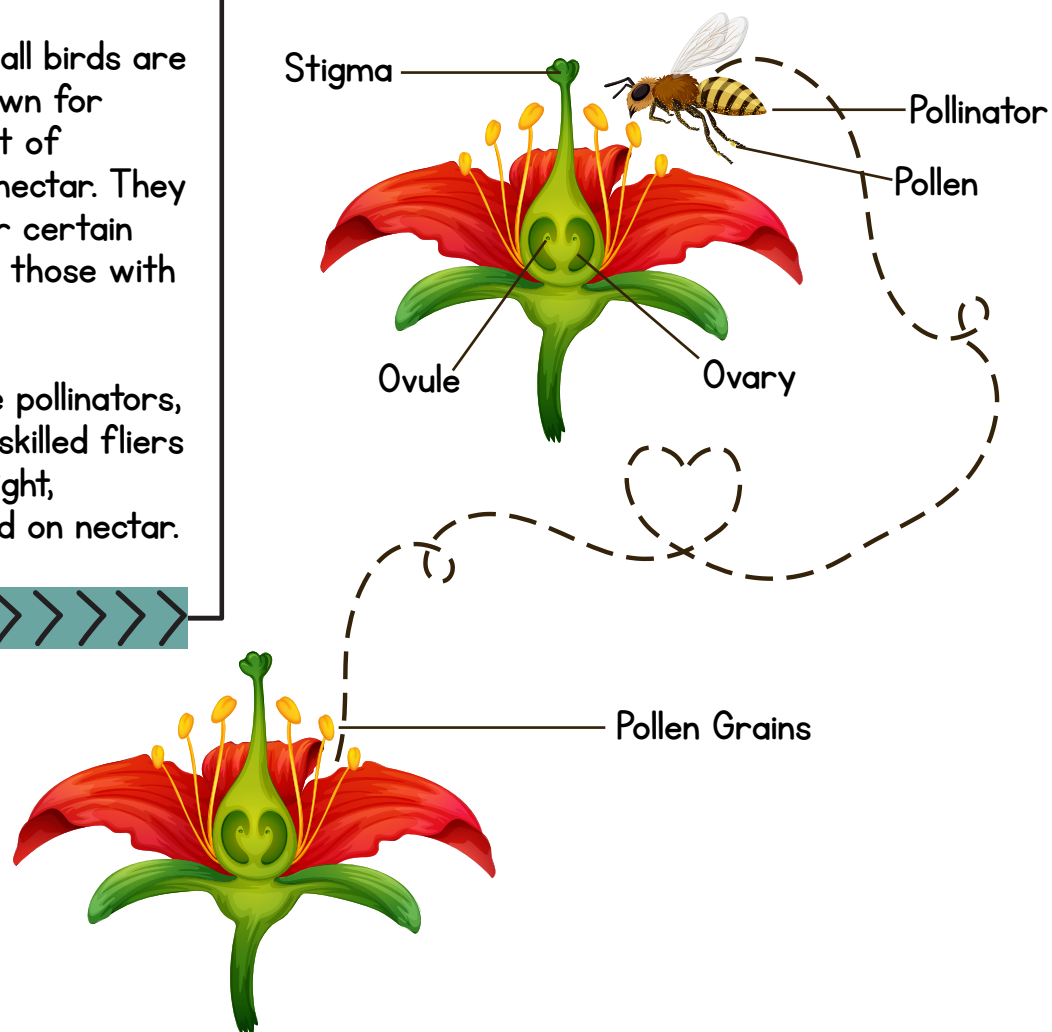
Bats: While not all bats are pollinators, some species are. Bats are skilled fliers and often visit flowers at night, pollinating them as they feed on nectar.

Non-Flying Pollinators

Beetles: Some beetles, like the flower beetle, are important pollinators. They crawl over flowers, feeding on nectar and inadvertently transferring pollen as they move.

Ants: Although ants don't usually pollinate flowers as efficiently as flying insects, they can still play a role in pollination by visiting certain types of flowers and spreading pollen.

The Pollination Process



Pollinator Bingo

Bee pollinating a flower	Monarch Butterfly	Hummingbird hovering near a flower	Bee visiting a yellow flower
Bumblebee	Hummingbird in mid-flight	Bee visiting a pink flower	Painted Lady Butterfly
Butterfly resting with wings open	Butterfly sipping nectar	Bee carrying pollen	Honeybee
Black Swallowtail Butterfly	Ant covered in pollen	A bee hive	A Bat flying

Pollinator Bingo

A Bat flying	Bee hive	Bee carrying pollen	Bee visiting a yellow flower
Bee visiting a purple flower	Honeybee	Bumblebee	Butterfly resting with wings open
Butterfly sipping nectar	Painted Lady Butterfly	Monarch Butterfly	Black Swallowtail Butterfly
Hummingbird hovering near a flower	Hummingbird in mid-flight	Bee pollinating a flower	Ant covered in pollen

Pollinator Bingo

A Bat flying	Ant covered in pollen	Bee hive	Bee carrying pollen
Bee visiting a yellow flower	Bee visiting a fruit blossom	Honeybee	Bumblebee
Bee pollinating a flower	Butterfly resting with wings open	Butterfly sipping nectar	Painted Lady Butterfly
Monarch Butterfly	Black Swallowtail Butterfly	Hummingbird hovering near a flower	Hummingbird in mid-flight

Pollinator Bingo

Hummingbird in mid-flight	A Bat flying	Ant covered in pollen	Bee hive
Bee carrying pollen	Bee visiting a yellow flower	Bee visiting a purple flower	Honeybee
Bumblebee	Bee pollinating a flower	Butterfly resting with wings open	Butterfly sipping nectar
Painted Lady Butterfly	Hummingbird hovering near a flower	Black Swallowtail Butterfly	Monarch Butterfly

Pollinator

Word Search

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

Butterflies

Moths

Hummingbirds

Beetles

Wasps

Flies

Birds

Bats

Pollination

Nectar

Pollen

Honey

Habitat

Pollinator Name: _____

Scientific Name: _____

Date: _____

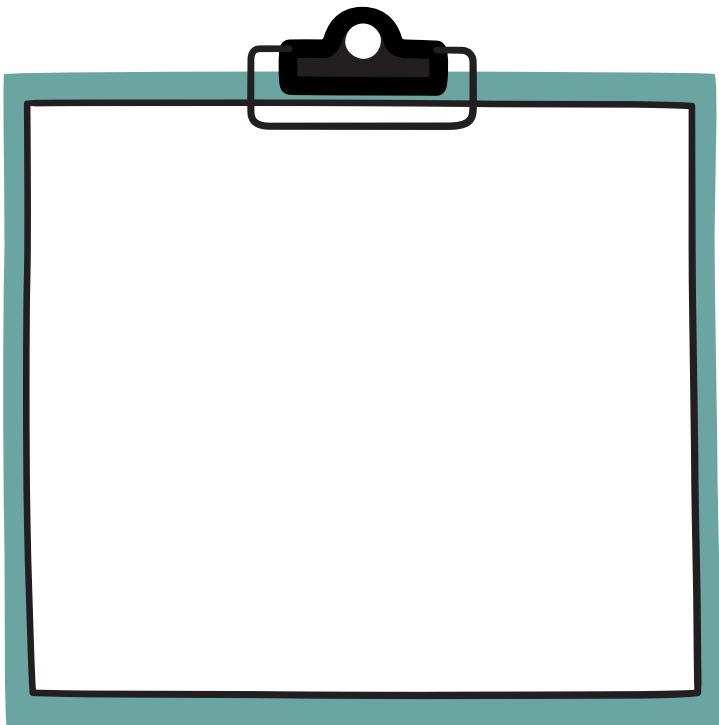
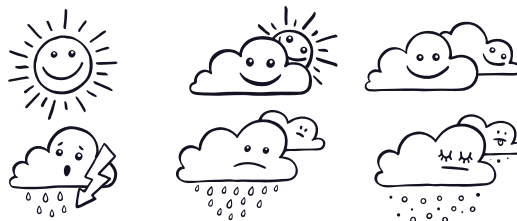
Time: _____

Pollinator Profile No: _____

Location: _____

Weather:

Season: _____



Draw a Picture of the Pollinator.

Describe the Behavior of the Pollinator:

Types of Flowers Visited:

Additional Observations:

Lifecycle of the Pollinator:

