



POLLINATORS!

POLLINATORS LESSON PLAN

Week at a Glance:

- Day One: What is Pollination?
- Day Two: Types of Pollinators
- Day Three: All About Bees
- Day Four: Hummingbirds



POLLINATORS BEES, BEES, BEES!

CAN ARE HAVE



POLLINATORS

Types of POLLINATORS

- Butterflies
- BATS
- BEES
- Hummingbirds



POLLINATORS POLLINATION UNSCRAMBLES


Directions: Unscramble each word associated with pollination and pollinators.

SDEES
PILLOEN
BSEE
BT

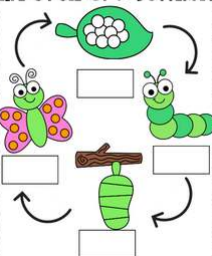


VOCABULARY SQUARE


Word: pollination	Definition:
Sentence:	Picture:



LIFE CYCLE OF A BUTTERFLY



BASIS OF A HUMMINGBIRD



head feet
bill tail

A COMPREHENSIVE FIVE DAY UNIT ALL ABOUT POLLINATORS!

Includes lesson plans, graphic organizers, craft ideas, projects, comprehension questions and more!

FROM YOUR FRIENDS AT



POLLINATORS

LESSON PLAN

Week at a
Glance:



Day One: What is
Pollination?

Day Two: Types of
Pollinators

Day Three: All About Bees

Day Four: Hummingbirds

Day Five: Butterflies

POLLINATORS



LESSON PLAN



Day One: What is Pollination?

Objective: The students will be able to define pollination and explain why it is important.



LESSON PLAN: DAY ONE

Introduction (10 minutes):

- *The teacher will explain to the students that this week's unit is all about pollination and animals who are pollinators.
- *Ask students to share what they already know about pollination.
- *Tell students that pollination is the way that plants are able to make seeds to grow new plants. Insects, birds and sometimes the wind help move pollen so that new plants are able to grow.

POLLINATORS

Lesson (20 minutes):

*The students will watch the video, "Flowers and Their Pollinators".

<https://www.youtube.com/watch?v=pnBoM4idfIk>

*Discuss important information from the video - Why is pollination important? What animals did you notice help with pollination?

*The teacher will guide the students in completing the "Vocabulary Square" activity worksheet. The students will define pollination, write a sentence using the word and draw a picture that explains the meaning.

Independent Work (10 minutes)

*The students will complete the "Pollination Quick Check" independently to assess their understanding of the lesson.

Closing (5 minutes)

*Review the answers together from the quick check.

POLLINATORS

VOCABULARY SQUARE

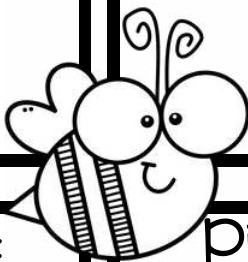
Word:

pollination

Definition:

Sentence:

Picture:



POLLINATORS

POLLINATION QUICK CHECK

1. What is pollination?

2. Why is pollination important?

3. What types of animals pollinate?

4. Why do pollinators visit flowers?

POLLINATORS

LESSON PLAN

Day Two: Types of Pollinators



Objective: The students will be able to identify various types of animals that help with pollination.



LESSON PLAN: DAY TWO

Introduction (10 minutes):

- *Explain to students that today's lesson will focus on animals that help with pollination.
- *The teacher will show the students the slide below that identifies several different types of pollinators including bees, butterflies, moths, bats, beetles, hummingbirds, and ants.
- *Ask the students to share why they think pollinators are important for plants.

POLLINATORS

Lesson (20 minutes):

*The teacher will read "Meet the Pollinators: A Night and Day Adventure" by Barbara Ciletti. Questions to ask during/after reading - What types of pollinators are in the book? How do they help animals during the day vs. during the night? Why are pollinators important? What do you think would happen if we didn't have pollinators?

*Guide the students in completing the "Pollination Unscramble" identifying words associated with pollination/pollinators.

Independent Work (10 minutes)

*The students will write a story using the "Pollinator Story" writing template. They will use words from the box to create a realistic fiction story about an animal pollinating.

Closing (5 minutes)

*The students will share their stories with a partner or in small groups.

POLLINATORS

Types of POLLINATORS



Butterflies



BATS

BEES



Hummingbirds

POLLINATORS

POLLINATION UNSCRAMBLE

Directions: Unscramble each word associated with pollination and pollinators.

S D E E S

P L L O E N

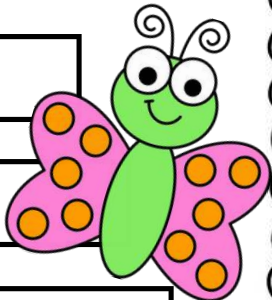
B S E E

B T T F Y L U R E

M T H O

B T E E L E S

F W E R L O S



POLLINATORS

POLLINATION UNSCRAMBLE

Answer Key

S D E E S

Seeds

P L L O E N

Pollen

B S E E

Bees

B T T F Y L U R E

Butterfly

M T H O

Moth

B T E E L E S

Beetles

F W E R L O S

Flowers

POLLINATORS

POLLINATOR STORY

pollination seeds
bee flower pollen
hummingbird tree
plant butterfly

Directions:
Use the
words in the
box below to
create a
story about
pollinators.

POLLINATORS



LESSON PLAN



Day Three: All About Bees

Objective: The students will be able to describe important characteristics about bees and describe their role as pollinators.



LESSON PLAN: DAY THREE

Introduction (10 minutes):

- *The teacher will explain that today's lesson will focus on bees and their role in our environment as pollinators. Ask students to share what they already know about bees.
- *Explain that bees have two important jobs in our environment - making honey and helping flowers grow by pollinating them. Bees move pollen from one flower to another.
- *The students will watch "Busy Bees! Bumblebees and Honeybees" video - <https://www.youtube.com/watch?v=fal54f5Rp5Y>

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Lesson (20 minutes):

- *The teacher will guide students in using information from the video to complete the “Bees have, can, are” activity sheet. Record important information beneath each category.
- *Bees are the most well known pollinators and without them, we would have a shortage of important plants, even fruit, vegetables and nuts.
- *The teacher will guide the students in labeling the parts of a bee using the worksheet attached below.

Independent Work (10 minutes)

- *The students will complete the activity sheet below writing two interesting facts about bees, two questions they still have and two things they learned about bees.

Closing (5 minutes)

- *The students will share their exit ticket with small groups or as a class.

POLLINATORS

BEEES, BEEES, BEEES!

CAN

ARE



HAVE

POLLINATORS

PARTS OF A BEE



wings

thorax

head

antennae

abdomen

POLLINATORS



BEEES

Two Interesting Facts

Two Questions You Still Have

Two Things

You Learned



POLLINATORS

LESSON PLAN



Day Four: Hummingbirds

Objective: The students will be able to describe important characteristics about hummingbirds and describe their role as pollinators.



LESSON PLAN: DAY FOUR

Introduction (10 minutes):

*The teacher will explain to the students that another important pollinator is a hummingbird. Ask students to share what they already know about hummingbirds. What do they look like? Where have you seen them?

*The students will watch the video, "This is Hummingbird Heaven" - <https://www.youtube.com/watch?v=gaUhxQtN0wM>

*Ask students to share what they learned from the video. What do hummingbirds look like? What is their job in our environment?

POLLINATORS

Lesson (20 minutes):

*The teacher will read "Brave Baby Hummingbird" by Sy Montgomery. Students will use information from the book and from the video to record information on the "Hummingbirds can, have, are" activity sheet.

*The teacher will discuss that hummingbirds are important pollinators for our environment. When they drink nectar from flowers, they collect pollen. Then, when they move to another flower, they move the pollen from place to place.

*Guide the students in completing the "Cause and Effect" activity sheet attached below.

Independent Work (5 minutes)

*The students will label the various parts of a hummingbird using the activity sheet attached below.

Closing (5 minutes)

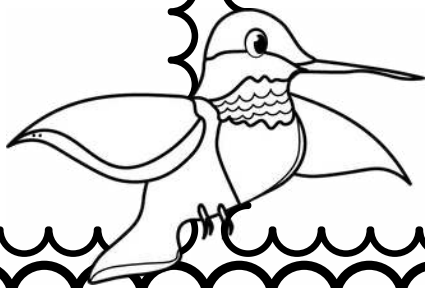
*The teacher will give the students a sticky note. They will write down one important fact they learned about hummingbirds in the lesson.

POLLINATORS

HUMMINGBIRDS

CAN

ARE

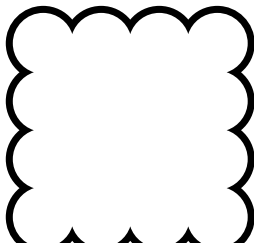


HAVE

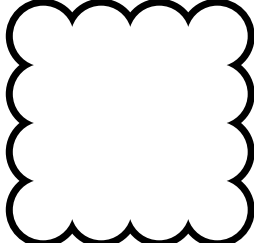
POLLINATORS

CAUSE AND EFFECT

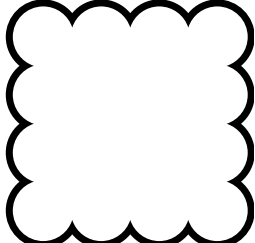
A hummingbird moves pollen from one flower to another.



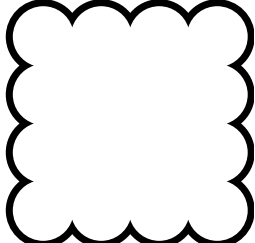
More and more flowers begin to grow.



The hummingbird population decreases.

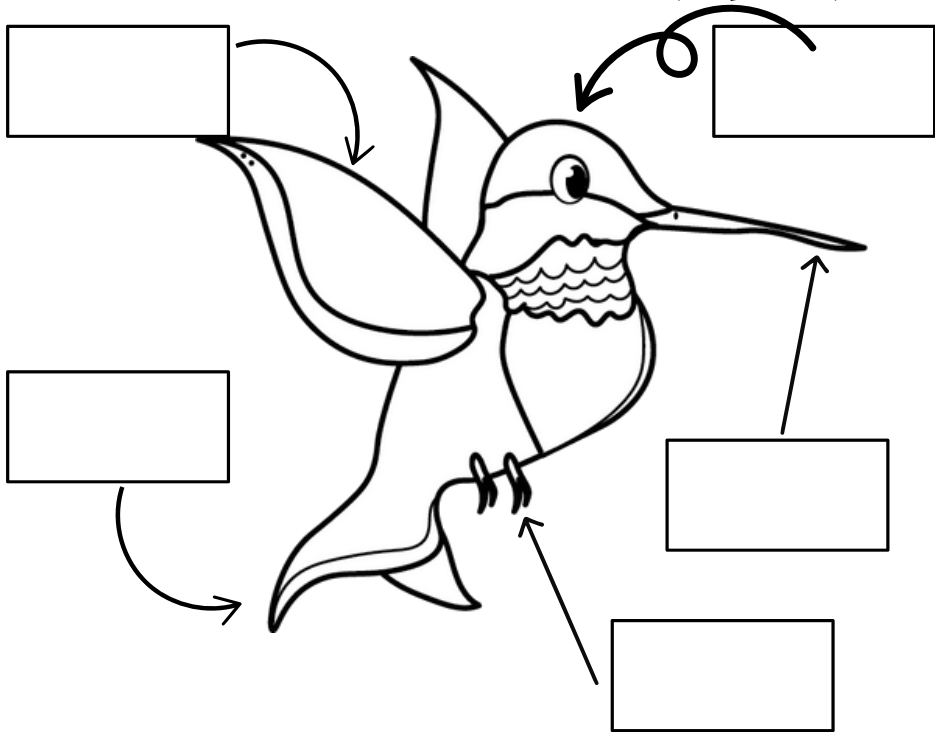


A hummingbird goes to a flower to drink nectar.



POLLINATORS

PARTS OF A HUMMINGBIRD



wings

head

feet

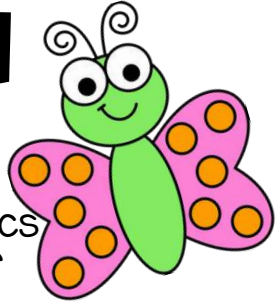
bill

tail

POLLINATORS



LESSON PLAN



Day Five: Butterflies

Objective: The students will be able to describe important characteristics about butterflies and describe their role as pollinators.



LESSON PLAN: DAY FIVE

Introduction (10 minutes):

- *The teacher will explain that butterflies are also important pollinators. Today's lesson will be learning more about butterflies and their important jobs in our environment.
- *Butterflies are attracted to bright colored flowers and also feed on the nectar from flowers. When they are drinking nectar, their body picks up pollen. Then, they move to another flower and the pollen is transferred. This causes new flowers to grow.

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Lesson (20 minutes):

*The teacher will read the book, "All Things Butterflies For Kids". After the book, guide the students in completing the activity sheet, "Butterflies can, have, are" together.

*Then, the teacher will guide the students in completing, "Sequencing Events". The students will draw a picture and explain what is happening in each step of the pollination process. Discuss that sequencing events means events that happen in order from first to last.

Independent Work (10 minutes)

*The students will complete the "Butterfly Life Cycle" activity sheet attached below. Discuss with the class when completed. Describe what is happening in each stage of the process.

Closing (5 minutes)

*Ask the students to share what their favorite part of our pollination unit was!

POLLINATORS

BUTTERFLIES!

CAN

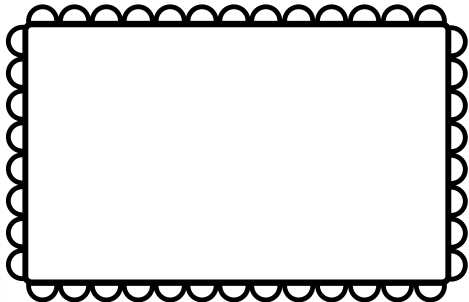
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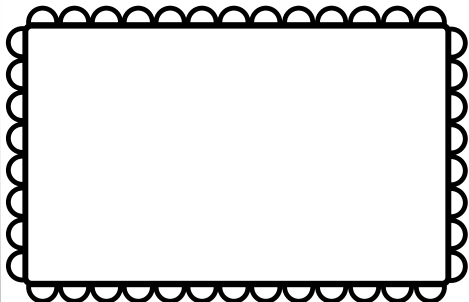


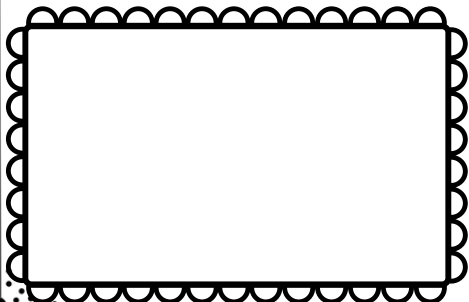
HAVE

POLLINATORS

SEQUENCING EVENTS







POLLINATORS

LIFE CYCLE OF A BUTTERFLY

