

## Lesson Title and Summary

# Insects Don't Bug Us

## Learning Goals

Goals: The Students will learn about insects, namely the beneficial insects Ladybug, Praying Mantis, Bumble Bee.

Students will be able to:

- Identify what makes an insect and insect.
- Name the insect body parts
- Compare and contrast Insects to non-insects
- Draw and label insects

## Grade Level

K-1

## Lesson Time Needed

30-40 minutes including activity. If the entire activity will be done outside, make sure you watch the video prior to leaving the classroom. Make sure you take: paper, crayons, colored pencils, pencils, markers ( whatever tools you would like them to use to draw), and magnifying glasses if you have them.

## Supplies, Space, Personnel

3 Insect poster boards  
"Am I an Insect" book  
Poster of labeled insect body parts

## Vocabulary

Thorax- The part of the body between head and abdomen	Antennae-The "feelers" for insects. They are connected to the head.
Abdomen- The belly	Insect- A bug that has an exoskeleton, 6 legs, and a 3 part body
Beneficial Insect-help us control pests or help pollinate plants and flowers.	

Lesson
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Intro/Engage the Students (5 min)

1. Have the kids sit on the floor in the meeting place
2. Introduce yourself
3. Tell kids you will be discussing What Makes an Insect an Insect today
4. Review vocab words prior to lesson
5. Ask “who knows what an insect is?”

Lesson: (15 minutes)

**What makes an insect an insect**

- a. Watch 2 min YouTube video <https://www.youtube.com/watch?v=DUPXkWqC1aA>
- b. Read the short “Is This an Insect” book.
2. Discuss:
  - a. All insects share several, easily-recognizable body characteristics including (use the chart identifying the body parts as a visual).
    - Three body segments
      - head, thorax, and abdomen
    - Three pairs of jointed legs all of which are attached to the thorax
    - Antennae (although there are a few species of insects with no antennae)
    - Wings (though there are some flightless insects)
3. Ask students if they can name any insects
4. Introduce the beneficial insects being discussed today
  - a. Ladybug, Praying Mantis, Bumble Bee
5. What is the importance of beneficial insects?
  - a. Only 1 out of 100 insects are not beneficial. We need insects to help pollinate food, flowers and control pests in the garden. 1 of every 3 bites of food on your plate need beneficial insects to pollinate them!!
6. Show Insect picture boards and discuss each insect briefly
  - a. Ask the class if they know what the insect is. Name the insect
  - b. Ask the class if they can recognize their 3 body segments of each insect?
  - c. Show the underside of the Ladybug so they can see the body parts.

Activity
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(15-20 minutes)

**Draw your insect.**

1. Discuss the rules, be gentle and respectful. Don't try to catch any insects such as bees.
2. Encourage kids to look and search for insects. If your class has magnifying glasses, take them with you. Give them 7-10 minutes of exploration time. Discuss what the students find and compare that to what it takes to make an insect.
3. Have students draw ( use pencil, crayon, or colored pencil) the bug they find( or any insect if they don't find any). Is it an insect? Have them note/label the following parts if an insect. Head, Thorax, Abdomen, Antennae, 6 Jointed Legs( attached to Thorax), Wings.

Reflection/Review
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(5 min)

1. Ask the following:
  - a. How can you tell if an insect is an insect?
  - b. What insects did you learn about today?
  - c. What did you see in the garden?
2. Thank the kids for coming to class to learn about Insects