



# THE BEES ARE IN DANGER

How We Can Help These Amazing  
Pollinators

# WHAT YOU WILL LEARN

By the end of this lesson, you will be able to:

- Explain what bees do that helps plants and food grow
- Describe three big problems bees are facing
- Use words like *pollinator*, *habitat*, and *pesticide* correctly
- Share simple actions you can take to help bees every day

Let's find out why bees need our help – and how we can be their heroes!



# KEY VOCABULARY

## Pollinator

An animal that carries pollen from one flower to another, helping plants make fruits and seeds.

## Habitat

A place where a living thing lives – like a home for animals. For bees, it's meadows, gardens, or hollow trees.

## Pesticide

A chemical used to kill crop-damaging bugs, but can harm bees too.

## Ecosystem

All living and non-living things in an area that depend on each other.

## Climate Change

Long-term weather shifts—like hotter summers or early blooms—that disrupt bee behavior.

# WHY BEES MATTER

## Bees Are Super Helpers!

Bees are tiny but vital. Without them, we'd lose apples, strawberries, almonds, and chocolate!

## How Do They Help?

As bees move between flowers for nectar, pollen sticks to them and spreads—this pollination helps food grow.

## Did You Know?

One bee can visit 100 flowers per trip, working hard to power our food supply!



# THE JOURNEY OF POLLEN

A bee is like a tiny mail carrier, delivering pollen so plants can make fruits and seeds.



This process helps plants reproduce. Without bees, many plants couldn't make the fruits and vegetables we eat every day.

# PROBLEMS BEES FACE



## Lost Homes

Fields to buildings: bees lose homes.



## Harmful Chemicals

Pesticides can poison bees or impair their ability to fly and forage.



## Weather Confusion

Bees miss flowers due to climate-driven timing and shifts.



## Sick Bees

Bees get sick and mites weaken them.

# HOW BEES MAKE HONEY

## Find Flowers

Worker bees fly up to 5 km to find sweet nectar in flowers.



## Collect Nectar

They suck up nectar with their tongues and store it in a special stomach.



## Back to Hive

They carry the nectar back to the hive and pass it to other bees.



## Turn to Honey

Bees fan nectar with wings to dry it into thick, sweet honey.



**DISCUSS!**



## A Bee's Day in Your Town

If you were a bee in your town or village, what would make it hard to find food, shelter, or stay safe? What could people do to help?

**DISCUSS!**



You might have said...

Few flowers due to pavement, pesticides taint nectar, and cars/buildings create hazardous flight conditions.



# YOU CAN HELP THE BEES!

1

## Plant Flowers

Grow bee-friendly plants like lavender, sunflowers, or thyme in pots or gardens.

2

## Skip Pesticides

Ask adults to use natural plant protection like mint or water spray.

3

## Build a Bee Home

Make a bee hotel with sticks, bamboo, or cardboard tubes.

4

## Spread the Word

Tell your friends and family why bees are important and how to help them.

# LET'S BE BEE HEROES

Bees are small, but they play a huge role in our world. From the food we eat to the beauty of nature, they make a big difference. Now that you know the dangers they face – and how easy it is to help – you can make a change!

Every flower planted, every kind choice, helps bees survive. Together, we can give bees a safer, sweeter future.

