



Insect Habitat Diorama

STEM Activity

Student Recording Sheet

Ask

Why are insects important and why do they need habitats to be created? You might like to use some of the words below to help you.

waste

pollinate

type

food

fruit

vegetables

pollution

habitat loss

number

climate change

amount

animals

Think about different types of habitats that you have seen. Draw and/or write about them and what features they include in the box below.

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Imagine

Brainstorm all of your ideas for what to include in your school's insect habitat. When you are finished, circle the ideas that would help to meet the insects' needs the most. For example, those that give them water, food and shelter.



Insect Habitat Diorama STEM Activity

Plan

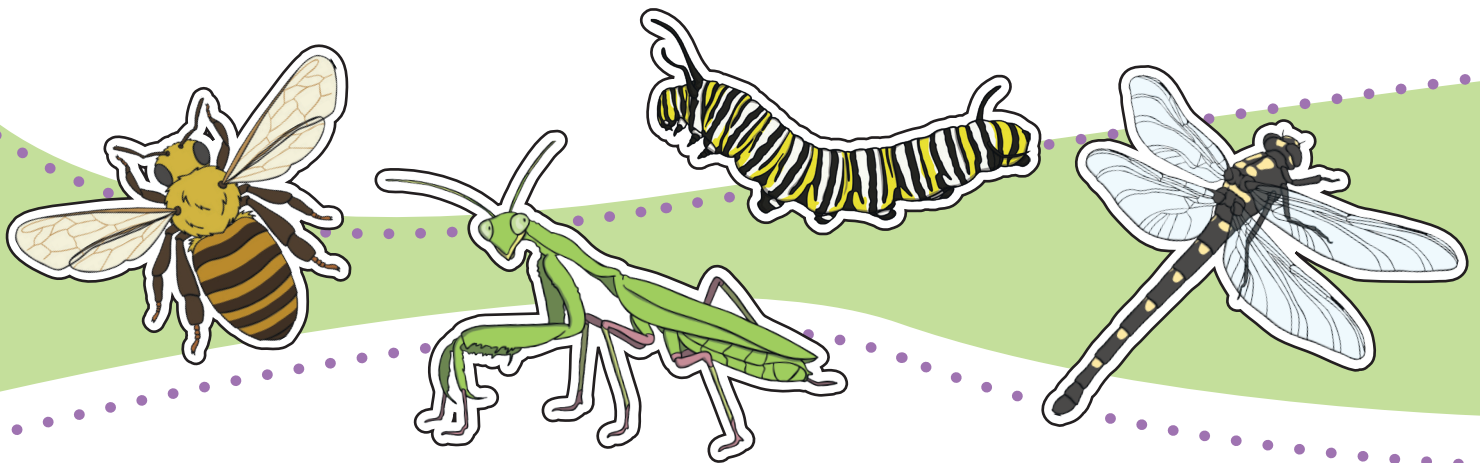
Draw and label your insect habitat diorama design idea.



Insect Habitat Diorama STEM Activity

Make a list of the materials and tools that you will need.

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____



List the five main steps for how you will make your insect habitat diorama.

1. _____
2. _____
3. _____
4. _____
5. _____

Create

Follow your design plan to create your insect habitat diorama.

Insect Habitat Diorama STEM Activity

Test

Would the habitat that you created help insects? yes no

In the table below, draw and/or write about different items that you decided to include in your insect habitat and why.

Item	Insect(s) That This Item Helps	Why This Item Was Added to the Habitat

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Count how many of the first item in your table you have in your diorama.

If the insect habitat in your school grounds is five times larger than your diorama, how many of this item would you need? Draw a picture to show your working out and write your answer as a number.



If the insect habitat is ten times larger than your diorama, how many of this item would you need? Draw a picture to show your working out and write your answer as a number.



Insect Habitat Diorama STEM Activity

Improve

Draw and/or write about how you could make your insect habitat design better.

