

## Think



- What is the bee doing?
- How important are plants for sustainability?
- What would happen without bees and flowers?
- What is happening to bees?



## Solve



The average worker bee weighs one tenth of a gram. If it can carry half of its body weight in pollen in a day, how much is that?

**Challenge:** How much pollen would the worker bee carry in a week?

## Respond



Write a poem in rhyming couplets about a bee. Think about what it does, how it flies and about the sound it makes.

## Discuss



What role do bees play in our lives? How important are they? What is the long term effect of the decreasing number of bees in the world? What is causing the crisis in bee numbers and what can we do to stop it?

## Discover



**Fact:** Plants and flowers reduce pollution in the environment by reducing the amount of carbon monoxide in the air and giving off oxygen.

**Question:** What is this process called? Do all plants do this and why is it so important to the sustainability of the planet?

## Reimagine



Find a close up picture of a bee and draw a detailed sketch of it.

# Nature Answers

How much is that?	How much pollen would the worker bee carry in a week?
Find half of one tenth: $0.1 \div 2 = 0.05$ grams	$0.05 \times 7 = 0.35$ grams in a week