

All about...

Worms

Worms are often overlooked by people for being useless or ugly, but they are vital for our planet. They have existed for about 600 million years. There are more than 34,000 different types of worm. Many are so minute that you couldn't see them with the naked eye. You would need special equipment like a magnifying glass or even a microscope. Worms burrow through the soft layers of soil, leaving behind spaces, which allow water and air to reach the lower layers. Every gardener knows that a healthy garden needs plenty of worms. To help them slide through the ground, worms generate a slick slime on their skin. This slime allows them to move easily. This slime has another use. It is rich in nitrogen, which is needed for plants to grow well.



Most common types of worm

Though there are thousands of kinds of worm, some are more common than others. One species is known as the night crawler. They have this name because they are nocturnal, which means they are active at night. People who enjoy fishing often use worms as bait to tempt fish. The most popular worm for this is the angleworm. This kind of worm is only ever found after heavy storms and floods. The rainworm is found when the soil and mud that it lives in has become saturated with water.

Did you know?

The longest earthworm ever found was in South Africa and it measured approximately 7 metres long!

Why worms are amazing!

- Worms do not have a gender. They are able to reproduce on their own.
- If a worm is injured, it is able to heal itself and can even regenerate if it has its tail cut off.
- Because worms don't have lungs like humans and other animals, they have evolved to breathe through their skin.

Thursday

Reading Mission
30 mins

Children to read or be supported to read 'Worms'.
After, they can answer these questions. These can be verbal answers or they could be written down or typed. Suggested answers are underneath.

1. What do worms do due to not having lungs?

2. What worm are you most likely to spot in the evening?

3. Is it possible to find a male worm?

4. Why are worms good for gardens?

5. What does the word evolve mean?

6. What equipment might you need to view some worms?

7. Why don't you find worms with no tails?

8. What do you think is the most amazing fact about worms?

Answers

1. What do worms do due to not having lungs?
Worms don't have lungs so they breathe through their skin.
2. What worm are you most likely to spot in the evening?
You would spot the night crawler as they are nocturnal.
3. Is it possible to find a male worm?
You cannot find a male worm as worms do not have a gender.
4. Why are worms good for gardens?
Worms are good for gardens because their tunnels let in air and water. Their slime also has nitrogen that helps plants to grow.
5. What does the word evolve mean?
Evolve means to adapt and change to survive.
6. What equipment might you need to view some worms?
You need a microscope or magnifying glass to see some worms.
7. Why don't you find worms with no tails?
Worms are able to regrow their tails if they are injured.
8. What do you think is the most amazing fact about worms?
Children to select one of the facts and justify their thinking.

Writing
Mission
30 mins

Your mission over the next two days is to create an information poster based on minibeasts. You can make your poster based on the minibeast you have researched **OR** you can create an information poster about a variety of different minibeasts.

Remember – an information poster should include a title, headings, facts, illustrations, photographs (if possible) Did you know questions and should be eye catching!



Maths
Mission
30 mins

Your mission is to use your knowledge of addition and subtraction to work out the missing numbers.

Missing Number Problems

Think carefully about what strategy you will use to find the missing number in the following calculations. You could:

Use a number line and count on from the smallest number.

Use a number line and count back to the given number.

Use column addition or subtraction to find the missing number.

1. $16 + \square = 27$

8. $\square + 9 + 11 = 35$

2. $38 - \square = 26$

9. $\square + 23 = 101$

3. $\square - 18 = 36$

10. $153 - \square = 104$

4. $\square + 17 = 66$

11. $160 = 105 + \square$

5. $38 + \square = 73$

12. $143 = \square + 62$

6. $87 - \square = 53$

13. $37 - 7 - \square = 17$

7. $6 + \square + 8 = 24$

14. $\square - 12 - 8 = 25$

Challenge:

Can you write your own missing number problems and give them to a friend?

Answers

1. $16 + 11 = 27$

2. $38 - 12 = 26$

3. $54 - 18 = 36$

4. $49 + 17 = 66$

5. $38 + 35 = 73$

6. $87 - 34 = 53$

7. $6 + 10 + 8 = 24$

8. $15 + 9 + 11 = 35$

9. $78 + 23 = 101$

10. $153 - 49 = 104$

11. $160 = 105 + 55$

12. $143 = 81 + 62$

13. $37 - 7 - 13 = 17$

14. $45 - 12 - 8 = 25$

Topic
Mission

Continued

