

# SOIL - DON'T TREAT ME LIKE DIRT



Please fill in this worksheet whilst watching the related online video

## Questions

1. What are the differences between healthy and unhealthy soil? Use your senses to describe the differences.

Healthy Soil:

<b>SENSE</b>	
<b>Sights:</b>	
<b>Touch:</b>	
<b>Smell:</b>	
<b>Taste:</b>	
<b>Hearing:</b>	

Unhealthy Soil:

<b>SENSE</b>	
<b>Sights:</b>	
<b>Touch:</b>	
<b>Smell:</b>	
<b>Taste:</b>	
<b>Hearing:</b>	

2. How can you tell if you have healthy soil in your garden?

3. How many bacteria might you find in a teaspoon of soil?

4. Why do we need soil?

5. How many layers of the food pyramid in this video need soil to produce the food we eat?

- None       Two       Four       All

6. Name 3 creatures and what they need from the soil. You can use the headings – food, home, shelter, water.

I)	
II)	
III)	

7. Draw 3 food chains linking things that grow from the soil with the things that eat them and the things that then eat them in turn. Can you get 4 in a chain?

*Eg. daisy → beetle → robin → hawk or grass → cow → human*

I)	
II)	
III)	

8. Why do we need the soil to be healthy?

Blank space for answer to question 8.

9. If the soil is unhealthy the farmer has to add chemicals and fertilizers to it to make it productive. Give one disadvantage of this.

Blank space for answer to question 9.

10. Soil filters water often making it drinkable. Soil can also prevent \_\_\_\_\_ by soaking up rainfall, and, can help prevent \_\_\_\_\_ by releasing water stored in the soil.

11. Soil can store \_\_\_\_\_ which helps against climate change.

12. What could you do to make soil healthier?

Blank space for answer to question 12.

## TO DO LIST

Check your soil at home or in school. Try to describe it using all your senses. (except taste)

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Compare your soil with your class

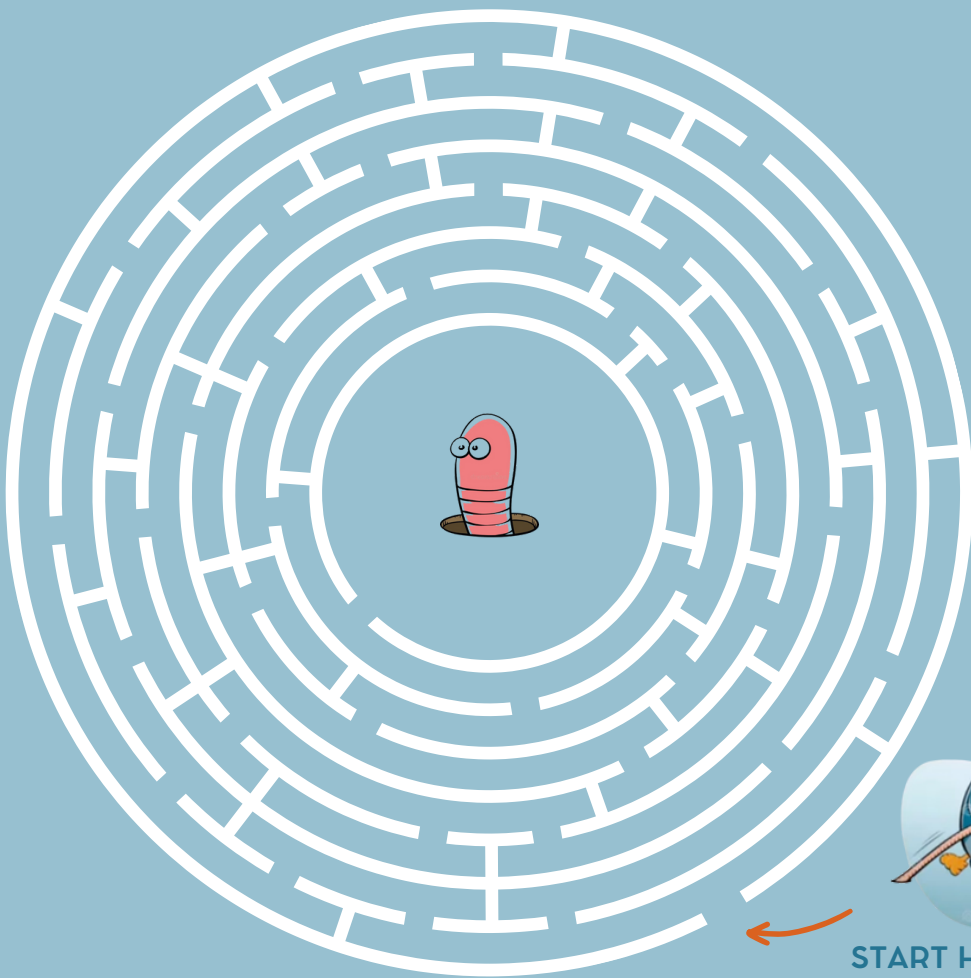
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Set up a compost bin at home or in school.

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Plant some bulbs or seeds – maybe your teacher could give out mystery seeds or bulbs and you can wait to see what grows.

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## FARM ANIMAL - COLORING

