

FARMING FOR NATURE'S WORKSHEET

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:

SENSE	
Sight:	
Touch:	
Smell:	
Taste:	
Hearing:	

Unhealthy Soil:

SENSE	
Sight:	
Touch:	
Smell:	
Taste:	
Hearing:	

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?

- a) None
- b) 2
- c) 4
- d) 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?

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.

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?



ACTIONS

You can do these as a class or at home

1. Check your soil at home or in school. Try to describe it using all your senses (except taste)
2. Compare your soil with your class.
3. Set up a compost bin at home or in school.
4. Plant some bulbs or seeds – maybe your teacher could give out mystery seeds or bulbs and you can wait to see what grows.



Farming For Nature

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