


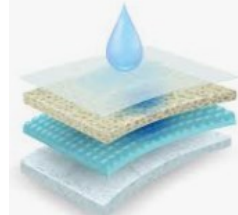








Year 2 Science Autumn Term

This term in Science, we are exploring Everyday Materials

Our Key Learning Objectives	Red	Orange	Green	<u>Extra questions</u>
I can recognise that materials have more than one property. I				1. Why is important to reuse and recycle materials?
I can identify the suitability of a material for a particular use. I				2. How have scientists invented new materials?
I can suggest why a material is not suitable for use. I				3. Why does plastic cause problems in the oceans?
I can find out how shapes of solids can be changed. I				
I can identify which materials can easily be changed.				

waterproof 	opaque 	transparent 	absorbent 	stretch 
flexible 	twist 	bend 	rigid 	hard 

Write down a question you thought of



Beacon 1—working scientifically skills

- I can ask simple questions and recognise that they can be answered in different ways
- I recognise scientific and technical developments that can help us
- I can perform simple tests or follow the teacher's instructions.
- I can, with guidance, suggest what to do in different types of enquiry.
- I can, with guidance, identifies things to measure or observe that are relevant to the question
- I can use the equipment provided and make simple measurements.
- I can say why a test is fair or unfair
- I can observe closely
- I can record simple data , with support prepare a table
- I can talk about my findings and compare
- I can identify and classify and decide how to sort and group objects
- I can use my ideas and observations to suggest answers to questions
- I can say whether my results were what I expected and suggest different ways I could have completed my investigation











Year 2 Science Spring Term

This term in Science, we are exploring Animals including Humans

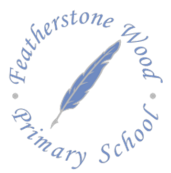
Our Key Learning Objectives	Red	Orange	Green
I can notice animals have offspring which grow into adults.			
I can describe the differences between babies and toddlers. I			
I can describe the basic needs of animals for survival. I			
I can describe the importance of exercise and eating the right food. I			
I can identify and describe some types of food they eat.			
I can describe the importance of hygiene. I			

Extra questions

1. How do you look after a pet?
2. What evidence shows that adults no longer grow?
3. What evidence shows that older children are usually bigger?

baby 	toddler 	adult 	egg 	fruit 
washing 	diet 	exercise 	offspring 	water 

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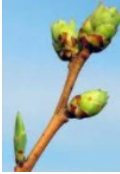
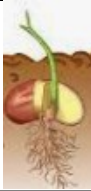
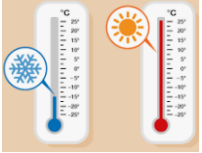





Year 2 Science Spring Term

This term in Science, we are exploring Plants

Our Key Learning Objectives	Red	Orange	Green
I can explore how plants grow from seeds and bulbs (I)			
I can describe what happens to seeds and bulbs during the plant life cycle			
I can observe and describe how seeds and bulbs grow into mature plants			
I can suggest how to find out what plants need to grow (I)			
I can describe the differences between plants grown in the light and plants grown in the dark (I)			
I can find out and describe how plants need water, light and appropriate temperature to grow			

Extra questions

1. What is similar and what is different between the life cycle of a bulb and plant?
2. How do plants in the desert survive with little water?
3. Do seeds and bulbs need light to germinate?

seedling 	bulb 	bud 	shoot 	temperature 
seed 	nut 	germinate 	stones 	fruit 

Write down a question you thought of



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Year 2 Science Summer Term

This term in Science, we are exploring Living things and habitats

Our Key Learning Objectives	Red	Orange	Green
I can identify and name some animals and plants.			
I can describe some features of a habitat including micro-habitats. I			
I can compare the differences between things that are living, dead and have never been alive. I			
I can describe how animals obtain their food from plants and animals.			
I can use simple food chains and identify the source of food. I			
I can identify that most living things live in a habitat which they are suited. I			
I can describe how different habitats provide for basic needs of animals and plants. I			

Extra questions

1. Are there any differences between an animal in a familiar habitat and unfamiliar habitat?
2. What differences are there between habitats? Does it make a difference to which animals live there?

Living	 LIVING	Non-living	 NON-LIVING	Habitat		Micro-habitat	 Under stones and rocks. In short grass. Under fallen leaves. In and on the soil.	Food-chain	
Dead		Alive		Grow		Eat		Breathe	

Write down a question you thought of



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