

Year 1 Science Autumn Term

This term in Science, we are exploring Everyday materials

Our Key Learning Objectives			
I can distinguish between an object and the material it is made from			
I can name and identify a variety of everyday materials			
I can identify some natural and some man-made materials			
I can identify some properties of materials (I)			
I can test and describe some properties of materials (I)			
I can compare and group materials based on their properties (I)			
I can predict what materials will float and sink (I)			

Extra questions

1. What materials have lots of different uses?
2. Why are some objects made from lots of materials?
3. Why did people stop using plastic bags? (I)

Hard 	Soft 	Bendy 	Opaque 	Water-proof
Stretchy 	Trans-parent 	Shiny 	Smooth 	Strong

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






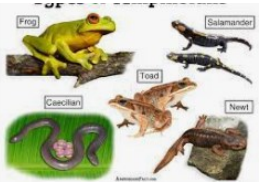


Year 1 Science Spring Term

This term in Science, we are exploring Animals Including Humans

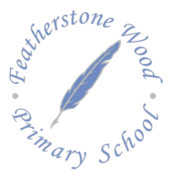
Our Key Learning Objectives			
I can identify, name and sort animals into different groups I			
I can name and identify a variety of common animals			
I can recall and use the words: carnivore, herbivore and omnivore			
I can identify the food of some common animals			
I can describe and compare the structure of a variety of common animals			
I can name and locate the basic parts of the human body I			
I can compare differences in texture, sound and smell I			

Extra questions

1. What are the differences between animals in different groups?
2. Why do we only see some animals at night?
3. Will you see different animals in different seasons?

carnivore 	omnivore 	herbivore 	bird 
reptile 	amphibian 	fish 	Mammal 

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Year 1 Science Autumn and Spring Term

This term in Science, we are exploring Seasonal Changes

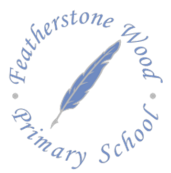
Our Key Learning Objectives	Red	Orange	Green
I can observe and name changes across the four seasons			
I can identify what to observe			
I can use descriptive words, photos and pictures to record changes (I)			
I can collect evidence of changes (e.g. leaves, seeds, flowers)			
I can observe and describe weather associated with the seasons (I)			
I can describe how day length changes			
I can measure and record data about weather (I)			
I can use prepared tables and charts to record data. (I)			

Extra questions

1. Do all places have the same weather?
2. Why is it easier to spot animals at different times of the year?

Autumn 	Spring 	Summer 	Winter 	Hail 				
Shower 	Frost 	Sunrise 	Sunset 	Life cycle <table border="1"> <tbody> <tr> <td> eggs</td> <td> chrysalis</td> </tr> <tr> <td> caterpillar</td> <td> butterfly</td> </tr> </tbody> </table>	 eggs	 chrysalis	 caterpillar	 butterfly
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Year 1 Science Summer Term

This term in Science, we are exploring Plants

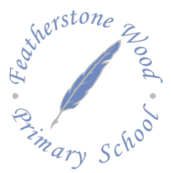
Our Key Learning Objectives	Red	Orange	Green
I can make observations of plants.			
I can identify the basic structure of a plant. (I)			
I can name some plants including trees that live in the garden and the wild. (I)			
I can identify the part of plants that we can eat. (I)			
I can use guides to identify plants in the local area.			
I can identify deciduous and evergreen trees.			
I can explore how plants change over time. (I)			

Extra questions

1. What is the same and what is different with different plants?
2. How do deciduous trees change throughout the year?
3. Why are some plants only seen at certain times of the year?

Petal 	Roots 	Deciduous 	Blossom 	Vegetable 
Leaves 	Trunk 	Evergreen 	Fruit 	Soil 

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