










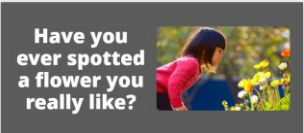
















Year 1 Africa

Autumn Term		Spring Term		Summer Terms	
My Town, My School, My Road	Weather	Toys	Paws, Claws, Whiskers	Kenya; Njoro	Seaside Holidays
Everyday Materials 1	Seasonal Changes	Everyday Materials 2	Animals including Humans		Plants
<p>Lesson 1 DE LO: Identify and name a variety of everyday materials and describe their properties. WS Skill: Using the senses and taking measurements, using a range of equipment, to make observations about a scientific enquiry. Enquiry: How can we observe, measure, and group different materials based on their characteristics?</p>  	<p>Lesson 1 DE LO: Name the 4 seasons understand what changes the seasons bring. WS Skill: Observing changes that occur over a long or short period of time. Enquiry: How do the four seasons change the weather and our surroundings? Set up a class experiment that will measure the amount of rainfall over the entire unit.</p>  	<p>Lesson 1 DE LO: Build a structure strong enough to withstand wind. WS Skill: Setting up tests Enquiry: Which structures withstood the wind?</p>  	<p>Lesson 1 DE LO: Identify and name a variety of common animals including fish, amphibians, reptiles, birds, and mammals WS Skill: Grouping and sorting Enquiry: How do we know if an animal is a bird, mammal, reptile, fish, or amphibian?</p>  	<p>Plants Lesson 1 DE LO: Explain how to plant a seed and predict what might happen to their seed</p>   <p>WS Skill: Using prior knowledge to make informed suggestions on what may happen in a scientific enquiry. Enquiry: How do seeds grow into plants, and what happens to a seed when it is planted in soil? DE (Lesson 1 and 6) marigolds and nasturtium</p>	<p>Lesson 1 DE LO: Identify and label the basic parts of a plant and tree WS Skill: Using observations, data and findings to name, label and organise items in a variety of ways. Enquiry: What are the basic parts of a plant and a tree, and how are they the same or different?</p>  
<p>Lesson 2 DE LO: Identify what material an object is made from. WS Skill: Using tables, a variety of graphs, labelled diagrams and models to record observations, measurements, results and findings. Enquiry: How can we distinguish between an object and the material it is made from, and can different objects be made from the same material?</p> 	<p>Lesson 2 DE LO: Understand the changes that take place in autumn. WS Skill: Identifying patterns and looking for relationships to make links between scientific concepts. Enquiry: What changes happen in autumn, and how do they affect plants, animals, and the weather?</p> 	<p>Lesson 2 DE LO: Understand what waterproof means and know what materials are waterproof. WS Skill: Conducting a test that controls all but one variable to answer a scientific question. Enquiry: Why does the roof of a house need to be waterproof?</p> 	<p>Lesson 2 DE LO: Identify, describe, and compare the characteristics of mammals and birds. WS Skill: Using observations and classification to group and compare mammals and birds. Enquiry: How are mammals and birds similar, and what makes them different?</p> 	<p>Lesson 1 DE LO: Identify the different parts of the human body and explain what they are used for WS Skill: Using observations, data and findings to name, label and organise items in a variety of ways. Enquiry: How do different parts of the human body help us in our daily activities?</p> 	<p>Lesson 2 DE LO: Understand that different plants can grow in the same environment WS Skill: Using observations, data and findings to name, label and organise items in a variety of ways. Enquiry: How can different plants grow in the same environment, and what features help them do so?</p> 
<p>Lesson 3 DE LO: Describe the properties of everyday materials. WS Skill: Using observations, data and findings to name, label and organise items in a variety of ways. Enquiry: What are the different properties of everyday materials, and why do we use certain materials for different objects?</p> 	<p>Lesson 3 no DE LO: To observe and compare how different trees lose their leaves in autumn. WS Skill: Observing changes over time and recording findings through drawings or simple charts. Enquiry: Do trees with bigger leaves lose their leaves first in Autumn?</p> 	<p>Lesson 3 DE LO: Understand the properties of glass and its uses. WS Skill: Using the senses and taking measurements, using a range of equipment, to make observations about a scientific enquiry. Enquiry: Why is glass the best material for windows, and why might other materials be unsuitable?</p> 	<p>Lesson 3 DE LO: Name, describe and compare a variety of common amphibians, reptiles and fish WS Skill: Using their observations and ideas to suggest answers to questions Grouping and sorting Enquiry: What are the key similarities and differences between amphibians, reptiles, and fish?</p> 	<p>Lesson 2 DE LO: Know the basic parts of the eye and their functions WS Skill: Identifying patterns and looking for relationships to make links between scientific questions. Enquiry: How do our eyes help us see different colours, shapes, and objects around us?</p> 	<p>Lesson 3 DE LO: Make comparisons between a deciduous tree and an evergreen tree WS Skill: Observing closely, using simple equipment Enquiry: What is the difference between deciduous and evergreen trees, and how do they change throughout the year?</p> 

Lesson 4 DE
LO: Identify objects that are natural and those that are manmade.
WS Skill: Using observations, data and findings to name, label and organise items in a variety of ways.
Enquiry: How can we identify and group items that are natural and those that are man-made?


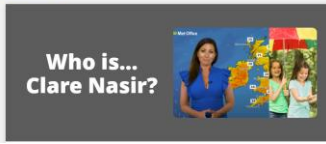



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

ODD ONE OUT
Is it plastic?

- Ask:** "Which of these items are made of plastic?"
- Discuss:** "Plastic is useful, but too much plastic can be bad for our planet. What happens when we throw plastic away?"
- Encourage Action:** "How can we use less plastic? Can we choose reusable bottles instead of single-use plastic?"

Lesson 4
LO: To learn about Clare Nasir and understand the role of a weather forecaster.
WS Skill: Using observations and research to suggest answers to scientific questions.
Enquiry: Who is Clair Nasir?
<https://explorify.uk/en/activities/who-is/clare-nasir>






13 CLIMATE ACTION

WHO IS?

- Discuss why knowing the weather is important for staying safe and making good choices (e.g., wearing the right clothes, preparing for storms).
- Talk about how weather is changing and what we can do to help protect the environment.
- Link to simple actions like turning off lights, recycling, and planting trees to help the Earth stay healthy.

Lesson 4 DE
LO: Understand that materials are used to create a variety of furniture.
WS Skill: Using their observations and ideas to suggest answers to questions.
Enquiry: What materials are used to make furniture, and why are some materials better for certain types of furniture than others?

ODD ONE OUT
Savanna sidekicks

SDG 15: Life on Land
 Activity Connection: This activity focuses on animals native to the African savanna.



Lesson 4 DE
LO: Identify and name a variety of common animals that are carnivores, herbivores, and omnivores.
WS Skill: Using observations and ideas to suggest answers to questions; Grouping and sorting
Enquiry: How can we sort animals based on their diet?




ODD ONE OUT
Tongues

SDG 15: Life on Land
 The activity provides an opportunity to discuss the role of animals in different ecosystems and the unique adaptations they have (like the specialized tongues).

Lesson 3 DE
LO: Describe a range of different flavours and understand why our sense of taste is important.
WS Skill: Carefully following a method and using equipment accurately to carry out a scientific enquiry.
Enquiry: How does our tongue help us taste different flavours, and why is our sense of taste important?






ODD ONE OUT
Hedgerow heroes

SDG 15: Life on Land
 The activity provides an opportunity to discuss the role of animals in different ecosystems and the unique adaptations they have (like the specialized tongues).



Connection: The activity explores different plants and their importance to animals and humans, linking directly to the protection, restoration, and sustainable use

Lesson 4 DE
LO: Understand that plants are a source of food.
WS Skill: Using prior knowledge to make informed suggestions on what may happen in a scientific enquiry.
Enquiry: How do fruit trees and vegetables grow, and how can we match their seeds or stones to the plants they come from?



ODD ONE OUT
Does it float?

Lesson 5 DE
LO: Predict and identify if an object will float or sink.
WS Skill: Conducting a test that controls all but one variable to answer a scientific question.
Enquiry: How do some materials change when they are in water?



WHAT IF...?
What if winter never ended?

Lesson 5 DE
LO: Understand the changes that take place in winter.
WS Skill: Using the senses and taking measurements, using a range of equipment, to make observations about a scientific enquiry.
Enquiry: Can we prepare a weather forecast for 2 or 3 days that includes a variety of different weather conditions?



MYSTERY BAG
Dressed for the weather
 Start a conversation about why different materials are more suitable for wearing in different weather conditions.

Lesson 5 DE
LO: Explore a variety of fabrics and understand their different properties.
WS Skill: Using tables, a variety of graphs, labelled diagrams and models to record observations, measurements, results and findings.
Enquiry: What would the three little pigs wear in the summer, in the winter or on a rainy day?


HAVE YOU EVER?
Have you ever smelt something that made you happy?

Lesson 4 DE
LO: Understand that we can smell many different flavours and know that our sense of smell helps to keep us safe.
WS Skill: Using tables, a variety of graphs, labelled diagrams and models to record observations, measurements, results and findings.
Enquiry: How do different smells help us understand the world around us?












3 GOOD HEALTH AND WELL-BEING

Lesson 5 DE
LO: Record the growth of a plant
WS Skill: Observing changes that occur over a long or short period of time. Using information, results and data to present findings, including oral and written explanations.
Enquiry: How do marigolds and nasturtiums grow over time, and what changes can we observe as they develop from seeds to full-grown plants?



Lesson 5 DE
LO: Record the growth of a plant
WS Skill: Observing changes that occur over a long or short period of time. Using information, results and data to present findings, including oral and written explanations.
Enquiry: How do marigolds and nasturtiums grow over time, and what changes can we observe as they develop from seeds to full-grown plants?



<p>Lesson 6 DE LO: Explore which materials are best for different objects. WS Skill: Setting up tests, Gathering and recording data to help in answering questions Enquiry: Which material is most suitable for an umbrella?</p>  	<p>Lesson 6 LO: To observe and discuss how weather changes across the seasons. WS Skill: Using observations and ideas to answer questions about seasonal changes. Enquiry: How does the weather change throughout the seasons? https://rainydaymum.co.uk/plastic-bottle-windsock/</p>  	<p>Lesson 6 LO: Identify different ways to repurpose plastic materials. WS: Identifying and grouping materials based on their properties and potential uses. Enquiry: How can we reuse plastic waste to create something new and useful? https://explorify.uk/en/activities/problem-solvers/plastic-fantastic</p>  	<p>Lesson 6 LO: Draw and label an animal and write about its characteristics, using some scientific language WS Skill: Asking simple questions and recognising that they can be answered in different ways. Enquiry: What do different animals need to survive?</p> 		
<p>Assessment – Test from DE</p>	<p>Assessment – Test from DE</p>	<p>Assessment Test from Developing Experts</p>	<p>Fact File follow from lesson 6</p>	<p>Assessment Test from Developing Experts on Animals including humans - both</p>	<p>Assessment Test from Developing Experts</p>