



Science



Whole School Overview

Science Overview			
	Autumn	Spring	Summer
Nursery 2-3 Topic	My Day Autumn 1 What's in the garden? Autumn 2	Our Pets Spring 1 Farm Animals Spring 2	Making Music Summer 1 Musical Stories Summer 2
<u>Term and Focus</u>	Autumn To explore texture and materials	Spring To name a variety of different animals.	Summer To explore how instruments make different sounds.
<u>Prior Learning</u>	New Learning	Nursery 2-3 Autumn Children will explore different animals that live in the garden	New Learning
<u>Future Learning</u>	Nursery 3-4 Autumn Children will be labelling objects due to their texture.	Nursery 3-4 Spring Children will learn to label a variety of different animals	Nursery 3-4 Summer Children will be developing this descriptive language through exploring different materials.
Nursery 3-4 Topic	Marvellous Me Autumn 1 – What's on Wood Street? Autumn 2	People Who Help us Spring 1 – Our Garden Spring 2	Little Explorers Summer 1 – Let's Pretend Summer 2
<u>Term and Focus</u>	Autumn To name and label rough and smooth objects.	Spring Growth (Plants) – naming parts of a plant and exploring planting.	Summer Talk about the differences between materials and the changes they notice.

<u>Prior Learning</u>	Nursery 2-3 Spring Exploring textures and materials		Nursery 2-3 Autumn Labelling materials		Nursery 3-4 Spring Observing changes	
<u>Future Learning</u>	Nursery 3-4 Spring labelling objects		Year R – Spring 2 Children will explore what plants can grow in which climates when learning about the seasons.		Year R - Summer Observing and commenting on changes they witness in different environments.	
Year R Topic	We are Superheroes Autumn 1 Celebrations Autumn 2		Wonderful Walthamstow Spring 1 Little Investigators! Spring 2		Traditional Tales Summer 1 Modern Tales Summer 2	
<u>Term and Focus</u>	Autumn Cooking – Investigating states and healthy eating/ healthy teeth		Spring Children learn about the natural world around them (seasons).		Summer Recognise that some environments are different from the ones in which they live. Describe what they hear, see and feel whilst outside.	
<u>Prior Learning</u>	Nursery 3-4 Spring Children will have explored cooking and self regulation/care.		Nursery 3-4 Summer Children will have looked at what plants need to grow.		Year R Spring Children will have practised observing and commenting on different environments due to describing seasons.	
<u>Future Learning</u>	Year 1 - Spring Animals and humans- identify & observe		Year 1 – Autumn Seasons Earth and Space- Seasonal changes		Year 1 - Autumn Seasons Earth and Space- Seasonal changes	
Year 1						
<u>Term and Focus</u>	<u>Animals, including humans</u> <u>Sustainability</u> <u>Materials</u>	<u>Materials</u> <u>Sustainability</u> <u>Plants</u> <u>Animals, including humans</u>	<u>Animals, including humans</u> <u>Sustainability</u>	<u>Sustainability</u> <u>Plants</u>	<u>Plants</u> <u>Sustainability</u>	<u>Sustainability</u>

<u>Prior Learning</u>	New learning	New learning	New learning	New learning	New learning	New learning
<u>Future Learning</u>	Year 2 – Autumn and Summer Year 2 Autumn and Summer Year 2 – Autumn	Year 2 - Autumn Year 2 – Autumn and Summer Year 2 Spring and Summer Year 2 Autumn and Summer	Year 2 – Autumn and Summer Year 2 – Autumn and Summer	Year 2 – Autumn and Summer Year 2 Spring and Summer	Year 2 Spring and Summer Year 2 – Autumn and Summer	Year 2 – Autumn and Summer
Year 2						
<u>Term and Focus</u>	<u>Animals, including humans</u>	<u>Materials Sustainability</u>	<u>Plants Living things and their habitat</u>	<u>Living things and their habitat</u> <u>Plants</u>	<u>Animals, including humans</u> <u>Plants</u>	<u>Animals, including humans Sustainability</u>
<u>Prior Learning</u>	Year 1 Autumn and Spring	Year 1 Autumn Year 1 All year	Year 1 Spring and summer New learning	New learning Year 1 Spring and summer	Year 1 Autumn and Spring Year 1 Spring and summer	Year 1 Autumn and Spring Year 1 All year
<u>Future Learning</u>	Year 3 Autumn	Year 5 Spring and Summer Year 3 Spring and Summer	Year 4 Autumn and summer Year 3 Spring and Summer	Year 4 Autumn and summer Year 3 Spring and Summer	Year 3 Autumn Year 3 Spring and Summer	Year 3 Autumn Year 3 Spring and Summer

Year 3						
<u>Term and Focus</u>	<u>Animals, including humans</u>	<u>Animals, including humans fossils and rocks</u>	<u>Light</u>	<u>Light Sustainability Plants</u>	<u>Plants Forces and Magnets</u>	<u>Plants Sustainability</u>
<u>Prior Learning</u>	Year 2 Autumn and Summer	Year 2 Autumn and Summer New learning	New learning	New learning Year 2 Autumn and Summer Year 2 Spring and Summer	Year 2 Spring and Summer New learning	Year 2 Spring and Summer Year 2 Autumn and Summer
<u>Future Learning</u>	Year 4 Summer	Year 4 Summer Fossils and rocks finished	Year 6 - Spring	Year 6 – Spring Year 4 All year Plants finished	Plants finished Year 5 Autumn	Plants finished Year 4 All year
Year 4						
<u>Term and Focus</u>	<u>Living things and their habitat Sustainability</u>	<u>States of Matter Sound</u>	<u>Sound Sustainability Electricity</u>	<u>Electricity</u>	<u>Living things and their habitat Sustainability</u>	<u>Animals, including humans</u>
<u>Prior Learning</u>	Year 2 Spring and Summer Year 3 Spring and Summer	New learning	New learning Year 3 Spring and Summer	New learning	Year 2 Spring and Summer Year 3 Spring and Summer	Year 3 Autumn

			New learning			
<u>Future Learning</u>	Year 5 Spring and Summer Year 5 Autumn and summer	States of matter and sound finished	Sound Finished Year 5 Autumn and summer Year 6 Autumn	Year 6 Autumn	Year 5 Spring and Summer Year 5 Autumn and summer	Year 5 Spring
Year 5						
<u>Term and Focus</u>	<u>Forces and Magnets</u>	<u>Sustainability Materials</u>	<u>Animals, including humans Materials</u>	<u>Living things and their habitat</u>	<u>Living things and their habitat Materials</u>	<u>Living things and their habitat Sustainability</u>
<u>Prior Learning</u>	Year 3 - Summer	Year 4 All year Year 2 - Autumn	Year 4 - Summer Year 2 - Autumn	Year 4 - Autumn and Summer	Year 4 - Autumn and Summer Year 2 - Autumn	Year 4 - Autumn and Summer Year 4 All year
<u>Future Learning</u>	Forces and Magnets finished	Year 6 All year	Year 5 Spring Materials Finished	Year 5 Spring Year 6 Autumn	Year 6 Autumn Materials finished	Year 6 Autumn Year 6 All year
Year 6						
<u>Term and Focus</u>	<u>Living things and their habitat Sustainability</u>	<u>Electricity Sustainability</u>	<u>Light Sustainability</u>	<u>Animals, including humans</u>	<u>Animals, including humans</u>	<u>Animals, including humans Sustainability</u>
<u>Prior Learning</u>	Year 5 Spring and Summer	Year 4 – Spring	Year 3 – Spring	Year 5 Spring	Year 5 Spring	Year 5 Spring

	Year 5 Autumn and summer	Year 5 Autumn and summer	Year 5 Autumn and summer			Year 5 Autumn and summer
<u>Future Learning</u>	KS3	KS3	KS3	KS3	KS3	KS3