



EYFS Science Curriculum Map

St Antony's EYFS Understanding The World Curriculum KPIs:

Cohorts	Autumn	Spring	Summer
Pre-school	<p>Use all their 5 senses where relevant (seeing, hearing, smelling, tasting and feeling) in exploration of natural materials.</p> <ul style="list-style-type: none"> • Share ideas about what they have seen, heard, felt, touched and ask questions to clarify their understanding. • Explore materials with different properties. • Explore natural materials, indoors and outside of school- at West Ham Park 	<ul style="list-style-type: none"> • Make healthy choices about food, drink, activity and tooth-brushing. • Explore and respond to different natural phenomena in their setting and on trips. • Can observe and notice about some of the things they have seen change such as plants, animals, natural and found objects. 	<ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Can talk about some of the things they have observed such as plants, animals, natural and found objects. • Shows care and concern for living things and the environment.
Nursery	<ul style="list-style-type: none"> • Use all their senses in hands-on exploration of natural materials. • Explore collections of materials with similar and/or different properties. • Talk about what they see, using a wide vocabulary. • Begin to understand the need to respect and care for the natural environment and all living things. • Explore how things work. 	<ul style="list-style-type: none"> • Talk about the differences between materials and changes they notice. • Plant seeds and care for growing plants. • Understand the key features of the life cycle of a plant and an animal. 	<ul style="list-style-type: none"> • Explore and talk about different forces they can feel. • Can talk about some of the things they have observed such as changes in ingredients when cooking. • Can start to recognise reversible and irreversible changes to state.

Reception

- Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.
- Know and talk about the different factors that support their overall health and wellbeing:
 - regular physical activity
 - healthy eating
 - tooth-brushing
 - using sensible amounts of 'screen time'
 - having a good sleep routine
 - being a safe pedestrian
- Learn new vocabulary.

- Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.
- Ask questions to find out more and to check what has been said to them

- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
 - Articulate their ideas and thoughts in well-formed sentences.
 - Describe events in some detail.
 - Use talk to work out problems and organise thinking and activities. Explain how things work and why they might happen.
 - Use new vocabulary in different contexts.