



Kilmington Primary School SCIENCE LEARNING JOURNEY



Year A: Growing Up and Growing Old
Year B: Classifying Living Things

Year A: Light
Year B: Circle of Life

In Years 5 and 6 children will deepen their understanding of a wide range of scientific ideas through talking about ideas; asking simple questions about scientific phenomena and analyse more systematically. They will encounter more abstract ideas and recognise that scientific ideas change over time. They will draw conclusions based on data and observations, use evidence to justify ideas and use scientific knowledge and observations to explain their findings.

Years:
5/6
Ospreys

Year A: Out of this World
Year B: Evolution and Inheritance

Year A: Electricity
Year B: Let's Get moving

Year A: Healthy Bodies
Year B: Material World

Year A: The Big Build (continued)
Year B: Living Things

Year A: How does your garden grow?
Year B: Power it up

Year A: Looking at States
Year B: Light and Shadows

In Years 3 and 4 children will broaden their scientific view of the world around them by exploring, talking about, testing and developing ideas about everyday phenomena and the relationship between living things and familiar environments. They will be asking questions about what they observe and make some decisions about scientific enquiries. They will draw simple conclusions and use scientific language to discuss what they have found out.

Years:
3/4
Jackdaws

Year A: What's that Sound
Year B: Teeth and Eating

Year A: Rocks and Soils
Year B: Forces and Magnets

Year A: The Big Build
Year B: Food and Our Bodies

Year A: Little Masterchefs
Year B: Our Local Environment

Year A: Healthy Me
Year B: Plants and Animals Where We Live

Year A: Holiday
Year B: Young Gardeners

Ongoing Unit:
Seasonal Changes

In Years 1 and 2 children start to use simple scientific language to talk about what they have found out and communicate their ideas to a range of audiences. Most learning will be done through the use of first-hand practical experiences.

Year A: Materials Monster
Year B: Who Am I?

Year A: Squash, Bend, Twist and Stretch
Year B: Celebrations

Year A: On safari
Year B: Polar Places

Years:
1/2
Kingfishers

In Years 1 and 2 Pupils experience and observe phenomena looking more closely at the natural and man-made world around them. They are encouraged to be curious and ask questions about what they notice. They are helped to develop their understanding of scientific ideas using different types of scientific enquiry to answer their own questions, including observing changes over time, noticing patterns, grouping and classifying, carrying out simple tests and using secondary sources.

Year A: Into the Woods
Year B: Sound Collectors

Year A: The Potting Shed
Year B: Pets and Vets

Year A: The Bug Hotel
Year B: Superhero Materials

Through developing and understanding the world, children observe and investigate. They observe closely using their senses.

Years:
EYFS
Pipits

Year A: Food of the Seasons
Year B: Dough Babies

Year A: Light Magic
Year B: Frozen

Year A: Save the Gingerbread Man
Year B: Socks

