## Spreyton Primary SCIENCE LEARNING JOURNEY

TRANSITION TO SECONDARY



Year D: Sound Y4

Year D: Animals including humans Y6

Year D: Living things and their habitats Y4

Year D: Evolution and

Year D: Light Y6

In year 5 and 6: Children plan different types of different scientific enquires. Recognise and control variables. Take measurements using a range of scientific equipment with increasing accuracy and precisions. They record data and results using scientific diagrams and labels. They use test results to make predictions to set up further comparisons and fair tests.

KS2

Year C: Properties & Changes in Materials Y5

Year C:Forces Y6

Year C: Animals including humans Y5

Year C: Electricity Y6

Year C: States of Matter Y4

KS2

In year 3 and 4: They report on their findings both orally and written, Children use results to draw simple conclusions and make predictions. They suggest different improvements and identify differences and similarities related to scientific ideas. They use scientific evidence to answers questions.

Year B: Light Y3

Year B: Living Things and their Habitats Y5

Year B: Animals Including Humans Y3

Year B: Rocks Y3

Year B: Plants Y3

In year 3 and 4: Children ask relevant questions and use different types of scientific enquiry. Children set up simple practical enquiries and carry out fair tests. They make systematic and careful observations. The gather record, classify and present data. They use scientific languages, drawings and diagrams.

KS2

Year A: Electricity Y4

Year A: Forces & Magnets Y3

Year A: Earth & Space Y5

Year A: Animals incl. Humans—Teeth, digestion and food chains Y4

Year A: Living Things and their Habitats Yr6

KS1

In year 1 and 2: Children perform simple tests, identify and classify, use their observations and ideas to suggest ideas and gather and record data.

Year A: Animals including Humans Y1—classifying animals, parts of the body, senses

Living things and their habitats (y2)

lifecycles, staying healthy

Year B: Animals including Humans Y2—

Year A: Plants Y1—identifying plants and trees, basic structure of plants and trees

Year B: Plants Y2 how plants grow and what they need to stay healthy

Year A: Everyday materials (y1)
Seasonal changes

Year B: Uses of everyday materials (y2)

In year 1 and 2: children ask simple questions, observe closely and use simple equipment.

KS1

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

**EYFS** 

Explore the natural world around them.

Describe what they see, hear and feel whislt outside.

Understand the effect of changing seasons on the world around them.

