Ready to Progress in Science

Expectations of our EYFS Scientists

- 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.

- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Expectations of our Year 1 Scientists

By the end of Year 1, our young scientists are **developing** their skills within KS1. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are beginning to work scientifically by identifying, sorting, questioning, describing and recording.

Expectations of our Year 2 Scientists

By the end of Year 2, our young scientists are **secure** in their skills within KS1. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are secure in working scientifically by identifying, sorting, questioning, describing and recording.

KS1 Rolling Plan

Year A: Animals including humans, Everyday Materials, Plants

Year B: Seasonal Changes, Living Things and their Habitats, The Environment

Expectations of our Year 3 Scientists

By the end of Year 3, our young scientists are **developing** their skills within LKS2. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are beginning to work scientifically by asking relevant questions, carrying out a fair test, predicting, explaining and concluding.

Expectations of our Year 4 Scientists

By the end of Year 4, our young scientists are **secure** in their skills within LKS2. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are secure in working scientifically by asking relevant questions, carrying out a fair test, predicting, explaining and concluding.

LKS2 Rolling Plan

Year A: Animals including humans. Light and sound, plants, rocks

Year B: Electricity, Living things and their habitats, Forces, States of Matter

Expectations of our Year 5 Scientists

By the end of Year 5, our young scientists are **developing** their skills within UKS2. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are beginning to work scientifically by carrying out accurate and fair tests, identifying the variables, evaluating and presenting their work.

Expectations of our Year 6 Scientists

By the end of Year 5, our young scientists are **secure** in their skills within UKS2. They can demonstrate age appropriate scientific knowledge in all objectives in the units taught. They are secure in working scientifically by carrying out accurate and fair tests, identifying the variables, evaluating and presenting their work.

UKS2 Rolling Plan

Year A: Animals including humans, Light, Earth & Space

Year B: Electricity, Living Things and their Habitats, Forces, Evolution & Inheritance