



Science

Intent

At Griffin, we aim to create 'World Ready' students who are curious and fascinated about their planet and the processes within it. We want them to explore, to question, to be inquisitive and to observe. And, we support them to develop their knowledge and skills, 'working scientifically'.

The National Curriculum for science aims to ensure that all students:

- develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them.
- are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.



Implementation

Science teaching and learning is linked to the school theme, and class 'big question'.

The content of the curriculum is mapped out across the year, to ensure full coverage.

We expect teachers to take the science learning outdoors as much as possible. Everything is taught within a relatable context and, where possible, first hand experiences are given.

We host termly whole school 'STEAM' days e.g. kite making and flying

We track the learning from Y1-Y6 using knowledge and skills progression ladders.



Impact



“I like to experiment
and test different
theories.”
(Rayaan, Y6)



“Space is mindblowing,
and I like learning
about all the different
planets.”
(Kelsy, Y5)

