



Old Hutton CE Primary School

## **Science Curriculum Intent Statement**

Through accessing our Science curriculum from EYFS to Y6, our pupils will progressively build the knowledge and skills which will give them the **essential characteristics of Scientists**:

- The ability to think independently and raise questions about working scientifically and the knowledge and skills that it brings.
- Confidence and competence in the full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.
- Excellent scientific knowledge and understanding which is demonstrated in written and verbal explanations, solving challenging problems and reporting scientific findings.
- High levels of originality, imagination or innovation in the application of skills.
- The ability to undertake practical work in a variety of contexts, including fieldwork.
- A passion for science and its application in past, present and future technologies.
- A passion for and commitment to a diverse range of Scientific activities, fostered by our curriculum and through **learning from experts and through a variety of visits, visitors, special focus Science/STEM events and wider opportunities.**

Set in the context of our Old Hutton School **Whole Curriculum Intent Overview Statement and Guarantee to Learners**, the detail of our own Old Hutton School Science Curriculum and how learning for our pupils progresses from EYFS to Y6 is described in the following documents:

- **Science in EYFS**
- **Science Long Term Planning and Assessment KS1 & KS2 (Y1-Y6)**

These documents include the EYFS Framework 2021 and National Curriculum (2013 & updates) statutory requirements and are informed by the Chris Quigley Essentials Curriculum. Progression is shown and assessed through KS1 and KS2 via the Milestones of learning to be reached (Milestone 1 = Y1/2, Milestone 2 = Y3/4, Milestone 3 = Y5/6); these Milestones are ambitious and aspire towards acquisition of mastery and depth of learning in each aspect of the subject. The EYFS and Long Term Planning and Assessment documents clearly set out the content of teaching and learning in the subject; are used by teachers to plan lessons to progressively build knowledge and skills; and used by teachers and learners to assess the depth of learning acquired.

*For more information about our curriculum, examples of the implementation of our planning and demonstration of its impact through pupils' work, please get touch with us in school via:*  
[admin@oldhutton.cumbria.sch.uk](mailto:admin@oldhutton.cumbria.sch.uk)