

Science

At Settlebeck school, our Science curriculum is designed to ignite curiosity, foster a deep appreciation for the natural world, and equip students with the knowledge and skills necessary to thrive in an ever-evolving scientific landscape. Our intent is to cultivate a passion for inquiry, critical thinking, and problem-solving, empowering students to become informed, responsible citizens who can contribute meaningfully to society.

- inspiring curiosity
- developing scientific literacy
- developing practical skills
- cultivating critical thinking
- emphasising ethical and responsible science
- fostering collaboration and communication
- addressing diversity and inclusion
- preparing for future opportunities

The Science curriculum is designed to ensure the development of practical skills, ensuring that students not only grasp theoretical concepts but also acquire the ability to apply them in practical situations. Through hands-on experiments, laboratory work, and scientific investigations, students develop essential skills such as accurate observation, precise measurement, and meticulous record-keeping.

Our Science curriculum places a strong emphasis on disciplinary literacy, recognising that proficiency in scientific language, reasoning, and communication is crucial for success in the field. Students are not only taught to understand scientific content but also to communicate their understanding effectively. This includes the ability to read, interpret, and produce scientific texts, as well as engage in discussions and debates surrounding scientific concepts.

In summary, our Science curriculum, we aspire to nurture inquisitive minds, create informed citizens, and inspire the next generation of scientists who will make meaningful contributions to our world.