

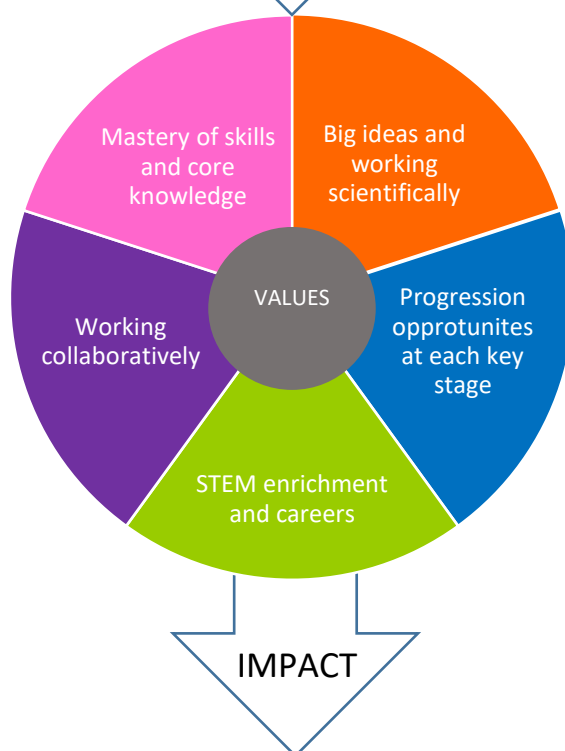
The Science Curriculum

INTENT

Our aim is to enthuse and excite our students about science and encourage them to be inquisitive and develop an understanding about the world around them, based on current scientific theories. Our curriculum is designed to provide students with a core knowledge of science that they need for success in education and their future progression and well as to develop problem solving and decision making in many areas of life. By studying science our students will be able to use their scientific knowledge and skills to make informed decisions about the communication, application and implications of science in relation to their own lives, culture and the sustainability of the environment.

IMPLEMENTATION

With a mastery approach to teaching a learning an enquiring and inquisitive mind is fostered in our students through encouraging them to ask their own questions and be given opportunities to use their scientific skills and research to discover the answers. Students' analytical skills are developed and with their increased depth and breadth of knowledge their ability to explain, evaluate and synthesise are established and advance as they progress through each key stage. Students are offered a range of extra-curricular activities, visits and trips to complement and broaden the curriculum and make links with the local schools and the community.



The successful approach of the Faculty results in a fun, engaging and high quality science education that provides students with the foundations and knowledge for understanding the World. Through our teaching and extra-curricular opportunities students gain the understanding that science has and continues to change our lives and that it is vital to the World's future prosperity. Our students learn about the possibilities for careers in science in the local area as well as the skills that can be applied to careers in other areas; ensuring that our students feel that they are all scientists and all capable of achieving. Students at Brixham College enjoy science and this results in well-motivated, successful learners with a sound scientific understanding.