

### Aims:

The aim of Science at Clifford Holroyde is to provide students with the opportunity to learn about natural phenomena and the world around us. It teaches methods of enquiry and investigation to stimulate creative thought and discussion. Pupils' learn to develop scientific questioning and begin to appreciate the way science will affect their future on a personal, national and global scale. The aim is achieved by providing a curriculum that all students can access which allows them to make progress.

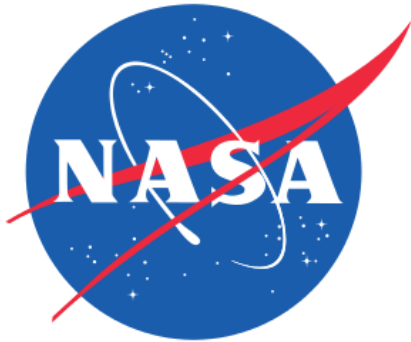


### Key stage 3

The key stage 3 science curriculum follows the 'Smart Science' scheme which is based on the new programme of study. Lessons provide clear objectives that increase in complexity. This ensures pupils' scientific skills are progressively developed though out key stage 3. The key stage 3 curriculum is a perfect stepping stone to the challenges of key stage 4. Key topics covered included; Earth and space, forces, chemical reactions, human body and the environment.



Pupils complete a baseline assessment on entry and will then complete an end of unit test after each topic. This ensures regular assessment opportunities to allow pupils' to monitor and review their progress.



#### **Key stage 4**

In key stage 4 pupils follow the AQA Trilogy qualification. This will give pupils' the opportunity to achieve a dual award GCSE qualification. Alongside the dual award GCSE course, pupils' will complete a termly assessment that will allow them to access the AQA entry level qualification in science. To ensure that all pupils' and abilities are catered for there will also be an opportunity each term for pupils' to complete an AQA unit award in science. The nature of the course includes content that links science to the world around us.

**Albert  
Einstein**

*"The most beautiful thing we can experience is the mysterious. It is the source of all true art and science."*