

## Science

***'Science and everyday life cannot and should not be separated'***

### **What does progress look like in Science?**

- Pupils will have the opportunity to study Biology, Physics and Chemistry topics throughout Year 7-11.
- They will be able to develop a range of skills over time including practical and investigative skills as well as interpretation and analysis skills.
- Pupils will use specific learning grids for each topic that will provide guidance and criteria to make progress towards higher order thinking and evaluation of evidence and research.
- These learning opportunities will allow pupils to develop scientifically and prepare them for further study in any discipline or vocation.

### **How will my child's progress be assessed in Science?**

- Pupils will be formally assessed every half term by an end of unit challenge task, a data analysis task or an examination.
- All assessments will allow pupils to demonstrate their progress which will be carefully tracked by the Science department.
- Pupil's class work and homework will also be taken into consideration when their teachers report on progress.

### **What can I do to help my child to make progress in Science?**

- Encourage your child to read about science and watch scientific news reports and documentaries to spark interest.
- Ensure that your child has completed their science homework to the best of their ability by using the internet or a book as a source of information.
- Encourage your child to use educational online resources such as BBC Bitesize to review the learning that has taken place in class.
- Ensure that your child has completed his/her red pen responses in his/her science exercise book. These are responses to questions and challenges that the teacher has provided in feedback.
- For Year 9-11 pupils, the completion of AQA past papers or specimen papers (online) are invaluable at developing exam technique and subject knowledge.