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| Course name: Combined Science GCSE (Trilogy) Worth 2 GCSE grades  |
| Which course/ syllabus will I be following? AQA Combined Science Trilogy |
| ReasonScience has something to offer everyone. As a core subject, it offers the opportunity to explore our world and beyond, enabling us to understand our place within in and our responsibilities to it.In your Science lessons, your will study Biology, Chemistry and Physics. You will visit topics and themes to investigate how and why things happen, using data and observations to support your ideas. You will get the opportunity to share your ideas and listen to others, helping you to form your own ideas on topics as diverse as evolution and new super materials like graphene.Your study will look in more depth at topics such as food nutrition and material science, which will compliment your studies in other curriculum areas, such as DT. By using and applying data, you will be practising your numeracy skills. Writing and analysing news articles, letters, books and stories will support the development of your literacy skills. Science is also great at building up transferrable skills such as teamwork and communication. During your lessons you will also get the opportunity to work with a wide variety of different people with different skills and ambitions, mirroring the world outside the school gates.  |
| How is the course assessed?Combined Science trilogy (double GCSE) is assessed at the end of year 11 in 6 exams each lasting 75 minutes. There are 2 Biology, 2 Chemistry and 2 Physics papers, each assessing half of each subject’s curriculum. Each paper consists of 15% knowledge recall, such as formulae, equations, facts, and 85% Data analysis, making conclusions and evaluating experiments. There are Physics and Chemistry equations that you will have to memorise and 22 required practical experiments that you must undertake and comment on in exams.  |
| Which careers/ post 16 courses will this course help me to prepare for?Students completing this course often go on to study Science to a higher level post 16. 6th form Science subjects are popular choices and grades of 6+ in double Science will allow you to study A-level Science at most 6th forms. Science is also required for many other courses, particularly vocational courses such as nursing, animal care and engineering of any type. A good grade in GCSE Science will enable you to access a wide range of exciting post 16 courses.  |