



Hessle High School & Sixth Form College

Welcome to our Open Evening

Science

The Course

- students develop investigative and research skills
- each year builds up knowledge and understanding of key concepts to prepare students for GCSE
- regular practical activities to challenge students' perceptions of scientific processes and develop the ability to interpret results and draw scientific conclusions from their data



Main topics covered at KS3 include:

Physics

- Stores and transfers of energy
- Light and Sound
- Basic electrical circuits
- Space

Chemistry

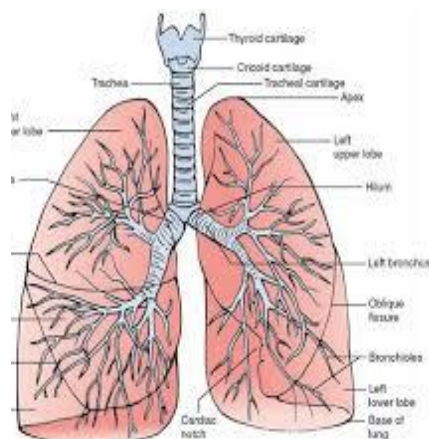
- Laboratory safety
- The particle model and solutions
- The rock cycle, acids and alkalis
- Chemical reactions

Biology

- Reproduction, Growth and Adaption
- Respiration and Digestion

Assessment

Students are assessed using the 9-1 GCSE grading system. We use a variety of written and practical tasks, along with an end of unit assessment activity once per half term. Students receive a constantly updated attainment level and personalised targets for improvement.



How Parents Can Help

- support students with managing homework workload particularly during the transition into Year 7
- provide an effective learning environment at home for students to complete their homework
- encourage the use of online resources using Google Hub
- communicate any concerns with classroom teachers to support student's learning and progress
- discuss the Science of everyday life

Director of Science

Mr Smith

Subject Leaders:

Biology – Mr Boyes

Physics – Mr Brown

Chemistry – Miss Farrington

'Every child is capable of extraordinary achievement'