

PCHS Curriculum Information – Year 13

Course Title: Applied Science	Exam Board: AQA	Specification Code: 360 GLH (TVQ01029)
<p>How will students be assessed? Students will sit one external exam in January of Year 13 and submit 2 large pieces of practical based coursework. During the course students will be taught theory which they will then use to carry out their coursework.</p> <p>Unit 4 The human body – This is an exam based unit where students will learn about the human body. It is sat in the January series</p> <p>Unit 5 Investigation science – This is a portfolio based unit where students will plan and carry out an investigation into an aspect of science</p> <p>Unit 6 Microbiology – This is a portfolio based unit where students will plan and carry out an investigation into an aspect of microbiology</p>		

KEY CONTENT

Half Term 1

Units 4 (exam) and 6 will be worked upon during this term, practical work will be carried out and the portfolio will begin to build

Unit 4 is biology theory on the topics of; the digestive system and diet, the musculoskeletal system and movement, how oxygen is transported in the blood and how physiological measurements can be applied, the structure and function of the nervous system and nerve impulses.

Unit 6 is a microbiology unit which explores the main groups of microorganisms, using aseptic techniques to cultivate microorganisms, using practical techniques in investigate factors and that affect the growth of microorganisms and the use of microorganisms in biotechnology industries

Half Term 2

Units 4 and 6 will be worked upon during this term, practical work will be carried out and the portfolio will begin to build

Unit 5 coursework will be introduced and the first section completed (This was introduced in the summer term but needs to be reviewed)

Unit 5 coursework is an investigation unit based upon reaction times. It involves preparing for a scientific investigation, carrying out the investigation and recording results, analysing results, drawing conclusions and evaluating the investigation and presenting the findings to a suitable audience.

KEY CONTENT

Half Term 3

Unit 4 The Human Body will be taken in the January exam series

Unit 5 Investigation will be ongoing

Unit 6 Microbiology will be ongoing

Half Term 4

Unit 5 Investigation will be ongoing

Unit 6 Microbiology will be ongoing

Both pieces of coursework should now be completed and only final submissions outstanding

Half Term 5

Unit 5 and 6 should be finished early this term ready for final mark entry on 1st May 2023

Half Term 6