



# Applied Science BTEC Diploma (Double)


Prepared by: E Willmott

 **Exam Board: Pearson**

 **Course Specification**  
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 **Course Text Books**  
 BTEC National Applied Science Student Book 2 ISBN: 9781292134130

 **Course Revision Guides**  
 BTEC National Applied Science Revision Guide (second edition) ISBN: 9781292327648

 **Examinations**

January Year 13

Unit 5B Principles and Applications of Science – Biology	50 min
Unit 5C Principles and Applications of Science – Chemistry	50min
Unit 5P Principles and Applications of Science – Physics	50min

 **Coursework**

Year 12

- Unit 12 Diseases and Infection
- Unit 4 Laboratory Techniques and their Application

Year 13

- Unit 6 Investigative Project

Curriculum



## Year 12

Term1	<b>Unit 12 Diseases and Infection</b> – Learning Aim A – Investigate different types of diseases and infections that can affect humans	ALT Report October
Term 2	<b>Unit 12 Diseases and Infection</b> – Learning Aim B - Examine the transmission of infectious diseases and how this can be prevented	Progress 1 Report November
Term 3	<b>Unit 12 Diseases and Infection</b> – Learning Aim C - Understand how infectious diseases can be treated and managed <b>Unit 12 Diseases and Infection</b> - Learning Aim D - Understand how the human body responds to diseases and infections	Progress 2 Report January
Term 4	<b>Unit 4 Laboratory Techniques and their Application</b> – Learning Aim A - Understand the importance of health and safety in scientific organisations	
Term 5	<b>Unit 4 Laboratory Techniques and their Application</b> – Learning Aim B - Explore manufacturing techniques and testing methods for an organic liquid	Progress 3 Report May
Term 6	<b>Unit 4 Laboratory Techniques and their Application</b> – Learning Aim C - Explore manufacturing techniques and testing methods for an organic solid	

## Year 13

Term1	<b>Unit 6 Investigative Project</b> – Learning Aim A - Undertake a literature search and review to produce an investigative project proposal <b>Unit 5 Biology &amp; Chemistry</b>	ATL Report October
Term 2	<b>Unit 6 Investigative Project</b> – Learning Aim B - Produce a plan for an investigative project based on the proposal <b>Unit 5 Biology &amp; Chemistry</b>	Progress 1 Report November
Term 3	<b>Unit 6 Investigative Project</b> – Learning Aim C - Safely undertake the project, collecting, analysing and presenting the results <b>Unit 5 Physics</b>	Exams January Progress 2 Report January
Term 4	<b>Unit 6 Investigative Project</b> – Learning Aim D - Review the investigative project using correct scientific principles	
Term 5	<b>Unit 6 Investigative Project completion</b>	Examinations
Term 6	<b>Unit 6 Investigative Project completion</b>	Examinations