

BTEC Applied Science

Parent's Information Evening 2019

- L3 National Diploma – Equivalent of 2 A Levels
 - L3 National Extended Diploma – Equivalent of 3 A levels
- Assessment & Units
 - Assignments & Exams
 - Expectations
 - Support
 - Outcomes

All of this information and more can be found in the student handbook, already shared with students on Google Classroom

Isaac Newton Academy

Sixth Form Science Department

Applied Science Professional Pathway

Student Handbook 2019-20

Student name:

BTEC Applied Science

Parent's Information Evening 2019

- Assessment & Units

Assignments

Tasks

Written exams

Diploma	5 Coursework Units	3 Written Exams
	54% Internally Assessed Coursework	46% External Assessment
Extended Diploma	9 Coursework Units	4 Written exams
	58% Internally Assessed Coursework	42% External Assessment

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Assessment & Units

*GLH = Guided learning Hours, includes classwork and independent study.

Year 1 Units of Study:

Diploma and Extended Diploma Units

GLH

Unit 1	Principles and Applications of Science I	External Exam	90
Unit 2	Practical Scientific Procedures and Techniques	Internal CW	90
Unit 3	Science Investigation Skills	External Practical Exam	120
Unit 4	Laboratory Techniques and their application	Internal CW	90

Extended Diploma Only

GLH

Unit 8	Physiology of Human Body Systems	Internal CW - Option	60
Unit 11	Genetics and Genetic Engineering	Internal CW - Option	60
Unit 21	Medical Physics Applications	Internal CW - Option	60

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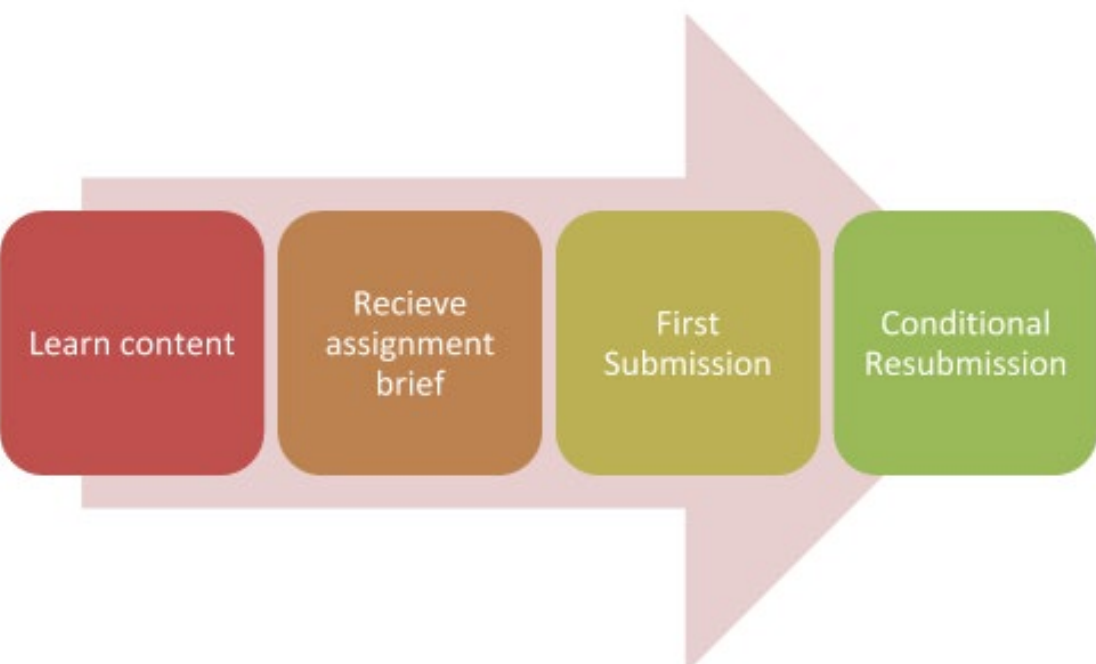
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■ Assignments & Exams

➤ The assignment units include 3 coursework tasks

➤ Each task will have its own Pass, Merit and Distinction criteria.

➤ Students will be expected to complete **all tasks ON TIME** to be considered for resubmission of work



Learn content

Receive
assignment
brief

First
Submission

Conditional
Resubmission

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■ Assignments & Exams

Full Unit Calendar available in the Student Handbook

	Unit & Criteria	Assignment title	Date Set	Date Due
Diploma & Extended Diploma	Unit 1 - A Chemistry	Exteral Assessment		14/01/2020
	Unit 1 - B Biology	Exteral Assessment		15/01/2020
	Unit 1 - C Physics	Exteral Assessment		15/01/2020
Extended Diploma Only	Unit 8 - P1,P2,M1,D1	Musculoskeletal disorders	26/09/2019	14/10/2019
	Unit 8 - P3,P4,M2, B.D2	Lymphatic System	31/10/2019	15/11/2019
	Unit 8 - P5,P6,P7,M3, M4,D3	Nutrition and health	28/11/2019	13/12/2019

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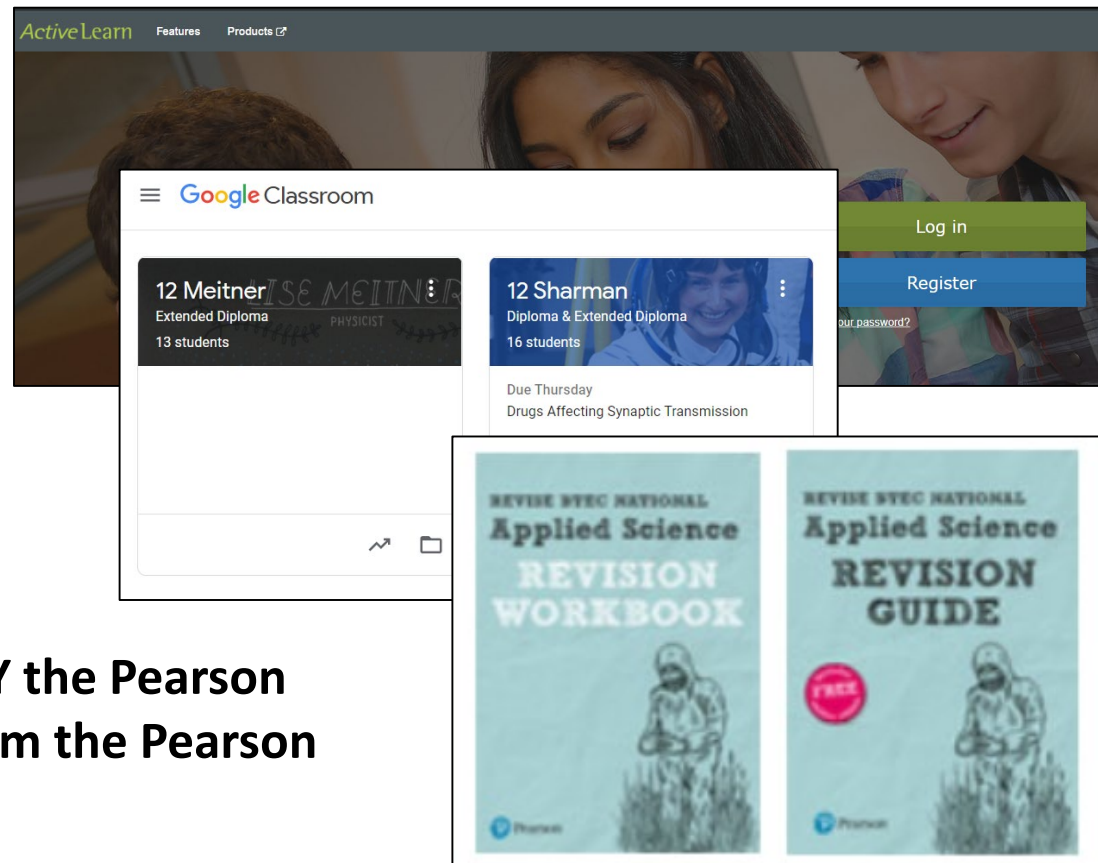
▪ Expectations

- **Attendance** – in lesson and on trips tailored to support learning
- **Punctuality** – arrival to lessons and completion of assignments & learning tasks
- **Learning Folders organised** – These will be checked
- **Full learning equipment including revision guides**
- **Focussed Classroom learning** - specific to assessment criteria
- **High quality pre-assignment tasks**
- **High quality Assignment submission** - Resubmission & Retakes are a last resort
- Assignments are the **students own work** and are fully referenced – or the task will be **FAILED**
- All **assignment paperwork is completed** accurately and given in with assignments

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- Support
 - Active Learn Digital Textbook
 - Assignment details and learning fully accessible on Google Classroom
 - Pearson specification for details of the course and assignments
 - Students are expected to BUY the Pearson Revision guides (available from the Pearson website)



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Outcomes

- Students achievements at the end of year 12 will be used to predict grades to universities
- These predictions are based on the grades students are awarded for their assignments in year 12.
- The UCAS points are equivalent to A level grades A*-E

Double		Triple	
U	0	U	0
PP	72	PPP	108
MP	88	MPP	124
MM	104	MMP	140
DM	124	MMM	156
DD	144	DMM	176
D*D	162	DDM	196
D*D*	180	DDD	216
		D*DD	234
		D*D*D	252
		D*D*D*	270

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- Outcomes
 - Students are able to apply to many different **university courses both science based and not science based** including...
 - BSc (Hons) in Chemistry with Analytical Science
 - BSc (Hons) in Forensic Science
 - Higher National Diploma (HND) in Applied Science.
 - The vocational and practical nature of the course will allow you to sign up for **apprenticeships** or direct **employment** in area such as...
 - Laboratories, manufacture, pharmacy amongst others...

Students are advised to check the University requirements for the courses they are considering as soon as possible!