The Fisher Way: Curriculum

The Fisher Way aims to educate and inspire with joy, faith and love because we are an inclusive Catholic community.

Successful and resilient learners who aspire to and achieve excellence

Confident individuals who can explore and communicate effectively

Responsible citizens who are active, loving and wise in all their endeavours

Subject	BTEC Applied Science
Year Group	Year 13
Intent	**Successful and resilient learners:** who understand the roles available to them as scientists moving in to the future and who understand the importance of working to and meeting deadlines. **Confident individuals:** who are able to undertake practical work safely and reflect on their impact as a scientist. **Responsible citizens:** who are able to apply their skills as scientists to problems and challenges they face in the wider world.

Narrative	All learners will have experience through a range of assessment types and styles suited to vocational courses. The 3 main types of assessment external, internal and synoptic give learners a broad range of skills to take out into the workplace or undergraduate level. Units 1 and unit 3 link to year 7, 9, 10 and 11 biology for example cells in year 7 is revisited in year 9, digestion and the nervous system in year 9 and 10 respectively and in unit 1 and unit 8 of year 12 and 13. Titration experiment skills are performed in year 11 so a foundation created for unit 2 titration assignment. Radiation in year 11 is also built on in unit 1 content as does year 8 and 10 chemistry atoms, compounds etc.. This builds on work previously done and introduces more detail and depth of knowledge as prior knowledge can be revisited. Assignments develop a knowledge of working environments with scenarios presented so connects to the careers programme in year 10 and post 16 advice given at KS5.					
Half term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Knowledge (topics studied)	Unit 3 examined content	Unit 3 examined content	Unit 8 Physiology of human body systems	Unit 8 Physiology of human body systems	Review of learning	Review of learning
Key skills	Practical skills, safety, data analysis, graph and IT skills, APPLICATION OF KNOWLEDGE, scientific report writing	Practical skills, safety, data analysis, graph and IT skills, APPLICATION OF KNOWLEDGE, scientific report writing	Practical skills and risk assessments/safety , data analysis, application of knowledge, research, evaluation, IT skills, report writing, tables (recording data)	Practical skills and risk assessments/safety, data analysis, application of knowledge, research, evaluation, IT skills, report writing, tables (recording data)		

Cultural capital and careers	Discussion surrounding careers as a science technician, their role and scientific reporting for workplace environments.	Discussion surrounding careers as a science technician, their role and scientific reporting for workplace environments.	An understanding of the fundamental systems that make up the human body, namely the musculoskeletal, lymphatic and digestive systems. Related to careers in various medical professions.	An understanding of the fundamental systems that make up the human body, namely the musculoskeletal, lymphatic and digestive systems. Related to careers in various medical professions.		
Assessment	External exam Mock Exam	External exam Mock Exam	Internally examined coursework	Internally examined coursework		