

T Level Route: Health Science		
Technical Qualification in Health		BTEC First in Health and Social Care BTEC First in Applied Science
Core Component		
Core Knowledge and Understanding		
Content area 1	Working within the Health and Science sector	<p><b>BTEC First in Health and Social Care</b></p> <p>Unit 2 Health and Social Care Values Unit 7 Equality and Diversity in Health and Social Care Unit 8 Individual Rights in Health and Social Care Unit 11 Services in Health and Social Care Unit 13 The Health and Social Care Sector Unit 16 Vocational Experience in Health and Social Care</p> <p><b>BTEC First in Applied Science</b></p> <p>Unit 7 Health Applications of Life Science Unit 17 Understanding Human Behaviour</p>
Content area 2	Health, Safety and Environmental regulations in the Health and Science sector	<p><b>BTEC First in Health and Social Care</b></p> <p>Unit 11 Services in Health and Social Care Unit 12 Creative and Therapeutic Activities in Health and Social Care Unit 23 Food Safety in Health and Social Care Unit 24 Infection Control in Health and Social Care Unit 25 Using ICT in Health and Social Care</p> <p><b>BTEC First in Applied Science</b></p> <p>N/A</p>
Content area 3	Managing information and data within the Health and Science sector	<p><b>BTEC First in Health and Social Care</b></p> <p>Unit 16 Vocational Experience in Health and Social Care Unit 17 Community Volunteering in Health and Social Care Unit 19 Skills and Qualities for Working in the Health and Social Care Sector Unit 25 Using ICT in Health and Social Care</p>

		<p><b>BTEC First in Applied Science</b> N/A</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b> Unit 57 Promote Good Practice in Handling Information in Healthcare Science Settings</p>
Content area 4	Good Scientific and Clinical Practice	<p><b>BTEC First in Health and Social Care</b> Unit 11 Services in Health and Social Care Unit 24 Infection Control in Health and Social Care</p> <p><b>BTEC First in Applied Science</b> Unit 5 Applications of Chemical Substances Unit 6 Applications of Physical Science Unit 8 Scientific Skills Unit 9 Practical Scientific Project Unit 13 Monitoring the environment Unit 14 Growing Plants for Food Unit 15 Investigating a Crime Scene Unit 19 Chemical Analysis and Detection Unit 22 Biotechnology Procedures and Applications Unit 23 Further Chemistry Unit 24 Further Physics</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b> Unit 1 Healthcare Science Services Unit 5 Working Safely in the Healthcare Science Environment</p>
Content area 5	Core Science concepts	<p><b>BTEC First in Health and Social Care</b> Unit 10 Human Body Systems and Care of Disorders Unit 24 Infection Control in Health and Social Care</p> <p><b>BTEC First in Applied Science</b> Unit 1 Principles of Science Unit 2 Chemistry and Our Earth Unit 3 Energy and Our Universe Unit 4 Biology and Our Environment</p>

		<p>Unit 5 Applications of Chemical Substances  Unit 6 Applications of Physical Science  Unit 10 World Energy</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 9 Introduction to Human Cell and Tissue Structures  Unit 12 Causes and Spread of Infection</p>
Content area 6	The Healthcare Science sector	<p><b>BTEC First in Health and Social Care</b>  Unit 5 Promoting Health and Wellbeing  Unit 7 Equality and Diversity in Health and Social Care  Unit 11 Services in Health and Social Care  Unit 13 The Health and Social Care Sector  Unit 16 Vocational Experience in Health and Social Care  Unit 17 Community Volunteering in Health and Social Care  Unit 19 Skills and Qualities for Working in the Health and Social Care Sector  Unit 20 Understanding Disability  Unit 25 Using ICT in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  N/A</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 1 Healthcare Science Services</p>
Content area 7	Further science concepts	<p><b>BTEC First in Health and Social Care</b>  Unit 5 Promoting Health and Wellbeing  Unit 10 Human Body Systems and Care of Disorders  Unit 21 Introduction to Dementia</p> <p><b>BTEC First in Applied Science</b>  Unit 7 Health Applications of Life Science  Unit 12 The Living Body  Unit 16 Science in Medicine  Unit 17 Understanding Human Behaviour  Unit 19 Chemical Analysis and Detection  Unit 23 Further Chemistry</p>

		<p>Unit 24 Further Physics</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b></p> <p>Unit 4 Investigating, Treating and Managing Human Disease and Disorder</p> <p>Unit 6 Health and Disease</p> <p>Unit 7 Introduction to Genomics, Clinical Bioinformatics and Precision Medicine</p> <p>Unit 21 Introduction to Anatomy and Physiology</p> <p>Unit 22 Anatomy and Physiology: The Reproductive System</p> <p>Unit 23 Anatomy and Physiology: The Nervous System</p> <p>Unit 24 Anatomy and Physiology: Cardiovascular, Lymphatic and Respiratory Systems</p> <p>Unit 25 Anatomy and Physiology: The Skeletal System</p> <p>Unit 26 Anatomy and Physiology: Urogenital System</p> <p>Unit 27 Anatomy and Physiology: The Digestive System</p> <p>Unit 28 Anatomy and Physiology: The Integumentary System</p> <p>Unit 29 Anatomy and Physiology: The Endocrine System</p>
Content area 8	Health and Safety, regulations in Healthcare Science	<p><b>BTEC First in Health and Social Care</b></p> <p>Unit 22 An Introduction to First Aid</p> <p>Unit 23 Food Safety in Health and Social Care</p> <p>Unit 24 Infection Control in Health and Social Care</p> <p><b>BTEC First in Applied Science</b></p> <p>N/A</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b></p> <p>Unit 5 Working Safely in the Healthcare Science Environment</p>
Content area 9	Providing person centred care when working in Healthcare Science	<p><b>BTEC First in Health and Social Care</b></p> <p>Unit 2 Health and Social Care Values</p> <p>Unit 3 Effective Communication in Health and Social Care</p> <p>Unit 7 Equality and Diversity in Health and Social Care</p> <p>Unit 8 Individual Rights in Health and Social Care</p> <p>Unit 11 Services in Health and Social Care</p>

		<p>Unit 13 The Health and Social Care Sector  Unit 19 Skills and Qualities for Working in the Health and Social Care Sector  Unit 20 Understanding Disability</p> <p><b>BTEC First in Applied Science</b>  N/A</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 1 Healthcare Science Services</p>
Content area 10	Infection prevention and control in Healthcare Science settings	<p><b>BTEC First in Health and Social Care</b>  Unit 23 Food Safety in Health and Social Care  Unit 24 Infection Control in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 7 Health Applications of Life Science</p>
Content area 11	Managing information and data	<p><b>BTEC First in Health and Social Care</b>  Unit 16 Vocational Experience in Health and Social Care  Unit 17 Community Volunteering in Health and Social Care  Unit 19 Skills and Qualities for Working in the Health and Social Care Sector  Unit 25 Using ICT in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  N/A</p>
Content area 12	Good scientific practice	<p><b>BTEC First in Health and Social Care</b>  Unit 11 Services in Health and Social Care  Unit 15 Carrying Out a Research Project in Health and Social Care  Unit 16 Vocational Experience in Health and Social Care  Unit 24 Infection Control in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 5 Applications of Chemical Substances  Unit 6 Applications of Physical Science  Unit 8 Scientific Skills  Unit 9 Practical Scientific Project</p>

		<p>Unit 13 Monitoring the environment  Unit 14 Growing Plants for Food  Unit 15 Investigating a Crime Scene  Unit 19 Chemical Analysis and Detection  Unit 22 Biotechnology Procedures and Applications  Unit 23 Further Chemistry  Unit 24 Further Physics</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 1 Healthcare Science Services</p>
<b>Core Skills</b>		
Research skills		<p><b>BTEC First in Health and Social Care</b>  Unit 15 Carrying out a research project in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 8 Scientific Skills  Unit 9 Practical Scientific Project  Unit 18 Designing and Making Useful Devices in Science</p>
Communication skills		<p><b>BTEC First in Health and Social Care</b>  Unit 3 Effective Communication in Health and Social Care  Unit 4 Social Influences on Health and Wellbeing  Unit 12 Creative and Therapeutic Activities in Health and Social Care  Unit 16 Vocational Experience in Health and Social Care  Unit 17 Community Volunteering in Health and Social Care  Unit 19 Skills and Qualities for Working in the Health and Social Care Sector</p> <p><b>BTEC First in Applied Science</b>  Unit 8 Scientific Skills  Unit 9 Practical Scientific Project  Unit 17 Understanding Human Behaviour  Unit 18 Designing and Making Useful Devices in Science</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b></p>

<p>Team working skills</p>	<p><b>Unit 3 Working in Partnership in Healthcare Science</b></p> <p><b>BTEC First in Health and Social Care</b>  Unit 3 Effective Communication in Health and Social Care  Unit 12 Creative and Therapeutic Activities in Health and Social Care  Unit 14 The Early Years Sector  Unit 15 Carrying out a research project in Health and Social Care  Unit 16 Vocational Experience in Health and Social Care  Unit 17 Community Volunteering in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 8 Scientific Skills  Unit 9 Practical Scientific Project  Unit 15 Investigating a Crime Scene  Unit 18 Designing and Making Useful Devices in Science</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 3 Working in Partnership in Healthcare Science  Unit 111 Contribute to the Effectiveness of Teams  Unit 112 Contribute to Effective Multidisciplinary Team Working</p>
<p>Problem solving skills</p>	<p><b>Technically, this skill could be mapped to all units in the qualification, in the Personal learning and thinking skills Framework, independent enquirers is defined as:</b></p> <p>identify questions to answer and problems to resolve ● plan and carry out research, appreciating the consequences of decisions ● explore issues, events or problems from different perspectives ● analyse and evaluate information, judging its relevance and value ● consider the influence of circumstances, beliefs and feelings on decisions and events ● support conclusions, using reasoned arguments and evidence.</p> <p>All units are mapped to this standard.</p> <p><b>BTEC First in Applied Science</b>  Unit 8 Scientific Skills  Unit 9 Practical Scientific Project  Unit 18 Designing and Making Useful Devices in Science</p>

Reporting and presentation skills		<p><b>BTEC First in Health and Social Care</b>  Unit 5 Promoting Health and Wellbeing  Unit 6 The Impact of Nutrition on Health and Wellbeing  Unit 10 Human Body Systems and Care of Disorders  Unit 25 Using ICT in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 9 Practical Scientific Project</p>
Reflective evaluation		<p><b>BTEC First in Health and Social Care</b>  Unit 3 Effective Communication in Health and Social Care  Unit 12 Creative and Therapeutic Activities in Health and Social Care  Unit 16 Vocational Experience in Health and Social Care  Unit 17 Community Volunteering in Health and Social Care</p> <p><b>BTEC First in Applied Science</b>  Unit 9 Practical Scientific Project</p> <p><b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b>  Unit 2 Employee Rights, Responsibilities and Personal Development in Healthcare Science</p>
Occupational Specialist Components		
Optical Care Services		<b>No mapping in BTEC Firsts in Health and Social Care or Applied Science</b>
Performance Outcome	Provide Optical Care and advice including prescription interpretation, screening and dispensing to contribute to patient health and well-being	
Performance Outcome	Provide spectacle collection, adjustments and repair services	
Performance Outcome	Undertake retail activities to provide walk-in customers with a range of products and Optical Services	
Pharmacy Services		<b>No mapping in BTEC Firsts in Health and Social Care or Applied Science</b>
Performance Outcome	Provide pharmaceutical care and advice to contribute to patient health and well being	<p><b>Pearson BTEC Level 2 Certificate in the Principles and Practice for Pharmacy Support Staff *</b>  Unit 1 Person-centred Care and Communication</p>



Performance Outcome	Dispense Prescriptions	<b>Pearson BTEC Level 2 Certificate in the Principles and Practice for Pharmacy Support Staff *</b> Unit 5 Dispensing and Supply of Prescribed Medicines and Medicinal Products
Performance Outcome	Produce extemporaneous medicines	
Performance Outcome	Undertake administrative and retail activities in the pharmacy environment	<b>Pearson BTEC Level 2 Certificate in the Principles and Practice for Pharmacy Support Staff*</b> Unit 5 Dispensing and Supply of Prescribed Medicines and Medicinal Products Unit 6 Managing Pharmaceutical Stock
<b>Assisting with Healthcare Science</b>		<b>No mapping in BTEC Firsts in Health and Social Care or BTEC First in Applied Science</b>
Performance Outcome	Contribute to patient care by supporting physiological, physical and clinical engineering services to produce reliable data and images for use by health care professionals in diagnosis and treatment	<b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b> Unit 1 Healthcare Science Services Unit 72 Measuring Blood Pressure using an Automatic Machine Unit 73 Performing Routine Electrocardiography in Adults Unit 77 Fitting a 24hr Ambulatory Blood Pressure Monitor Unit 78 Manual Blood Pressure Measurement Unit 79 Performing Spirometry and Bronchodilator Response in Adults Unit 80 Performing Spot Oxygen Measurements Unit 81 Performing Spirometry in Children Unit 103 Introduction to Working in Clinical Engineering
Performance Outcome	Contribute to patient care by supporting the collection of a range of specimens for analysis to aid diagnosis and treatment	<b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b> Unit 62 Obtain and Test Specimens from Individuals Unit 63 Obtain Venous Blood Samples Unit 114 Obtain and Test Capillary Blood Samples
Performance Outcome	Contribute to patient care by processing and analysing patient specimens in a range of life science areas and laboratory environments to produce reliable data sets for use by healthcare professionals in diagnosis and treatment	<b>Pearson BTEC Level 2 Diploma in Healthcare Science*</b> Unit 46 Store Biomedical Specimens and Samples Unit 62 Obtain and Test Specimens from Individuals Unit 63 Obtain Venous Blood Samples Unit 64 Receiving, Sorting, Transporting and Storing Laboratory Specimens/Samples under Supervision Unit 68 Assisting with the Preparation of Specimens/Samples for Laboratory Investigations

		<p>Unit 69 Assisting with the Processing of Liquid Clinical Specimens using Automated Laboratory Equipment</p> <p>Unit 108 Assisting with the Preparation of Biopsy Specimens for Laboratory Investigations</p> <p>Unit 109 Assisting with the Preparation of Microbiological Specimens/Samples for Laboratory Investigations</p> <p>Unit 110 Assisting with the Processing of Diagnostic Cytology Specimens in the Laboratory</p>
<b>Dental Technical Services</b>		<b>No mapping in BTEC Firsts in Health and Social Care or Applied Science</b>
Performance Outcome	Prepare and maintain work areas, equipment and resources to work safely in the dental laboratory when assisting in the manufacture and repair of a range of custom-made dental devices	
Performance Outcome	Assist in the design, manufacture and repair of a range of prescribed dental devices to contribute to patient health and wellbeing	
<b>Prosthetic and Orthotic Technical Services</b>		<b>No mapping in BTEC Firsts in Health and Social Care or Applied Science</b>
Performance Outcome	Design and manufacture custom made devices to meet the prescription needs and goals of individual patients and to contribute to their health and well being	
Performance Outcome	Work directly with patients to fit custom made devices, make mechanical repairs to devices and provide advice and support in the use of devices	
Performance Outcome	Support parents, families and carers to meet the needs of the CYP	

\*Competence based qualifications where a learner needs to be working in the role

Any points to note:

You may feel there are some points that will be useful to centres. If so, please include those here.

For example:

- How the Core Skills feature across the whole of the BTEC.
- If there's a work experience unit that puts the skills into practice.
- If you have a 'whole qualification', rather than having to identify units, that supports the technical skills development at L2 to enable progression.