

**OCR Cambridge Technical Diploma Health and Social Care (double award)**

YEAR 10	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Curriculum Content	<p><u>Unit 4: Anatomy and Physiology for health and social care</u></p> <p><u>Composite = Understand the cardiovascular system, malfunctions and their impact on individuals</u></p> <p>LO1 = cardiovascular system to include:</p> <ul style="list-style-type: none"> <li>Composition of blood</li> <li>Functions of blood</li> <li>Structure of heart</li> <li>Function of heart</li> <li>Control and regulation of cardiac cycle</li> <li>Types, structures and functions of blood vessels</li> <li>Formation of tissue fluid and lymph</li> <li>Causes and symptoms of hypertension and coronary heart disease (e.g. angina and heart attack)</li> <li>Monitoring, treatment and care needs for cardiovascular malfunctions</li> </ul> <p><u>Composite = Understand the respiratory system, malfunctions and their impact on individuals</u></p> <p>LO2 = Understanding of the respiratory system to include:</p> <ul style="list-style-type: none"> <li>Structure of the respiratory system</li> <li>Inspiration and expiration</li> <li>Gaseous exchange</li> <li>Cellular respiration</li> <li>Causes and effects of asthma, emphysema and cystic fibrosis</li> <li>Monitoring, treatment and care needs for respiratory malfunctions.</li> </ul>	<p><u>Composite = Understand the digestive system, malfunctions and their impact on individuals</u></p> <p>LO3 = Understanding of the digestive system to include:</p> <ul style="list-style-type: none"> <li>Digestive roles of liver and pancreas</li> <li>Absorption and assimilation</li> <li>Causes and effects of Irritable Bowel Syndrome, gallstones, coeliac disease</li> <li>Monitoring, treatment and care needs for digestive disorders</li> </ul> <p><u>Composite = understand the musculoskeletal system, malfunctions and their impact on individuals.</u></p> <p>LO4 = introduction to the Musculo-skeletal system to include</p> <ul style="list-style-type: none"> <li>Structure of bone</li> <li>Types of joint</li> <li>Components of a synovial joint</li> <li>Muscle action around a joint</li> <li>Musculo skeletal conditions (causes, effects, monitoring, treatment and care needs) for osteoporosis and arthritis</li> </ul> <p><u>Composite = understand the control and regulatory systems, malfunctions and their impact on individuals</u></p> <p>LO5 = Understand control and regulation system to include:</p> <ul style="list-style-type: none"> <li>Components of nerve systems</li> <li>Structure and function of the brain</li> <li>Nerve action</li> <li>Organisation and function of endocrine system</li> <li>Structure of kidney</li> <li>Functions of kidney</li> <li>Breakdown functions of the liver</li> <li>Concept of homeostasis</li> </ul>	<p><u>Unit 4: Revision prior to exam on 17/1/2022</u></p> <p><b>PUBLIC HEALTH</b></p> <p><u>Composite = Understand systems for the protection and promotion of public health</u></p> <p>LO1 = introduction to in public health to include:</p> <ul style="list-style-type: none"> <li>Legislation and regulations</li> </ul> <p>LO2 = Organisations and practitioners involved in public health:</p> <ul style="list-style-type: none"> <li>Organisations such as the NHS and Food Standards Agency</li> <li>Current public health issues</li> <li>Practitioners involved in promoting public health</li> </ul> <p><u>Composite = Understand public health strategies</u></p> <p>LO3 = Common strategies to promote public health to include:</p> <ul style="list-style-type: none"> <li>Health screening</li> <li>Immunisation and vaccination</li> <li>Environmental protection</li> </ul>	<p><u>Unit 17: Supporting people with mental health conditions</u></p> <p><u>Composite = Know the main concepts, types, causes and effects of mental health conditions</u></p> <p>LO1: To include the following information:</p> <ul style="list-style-type: none"> <li>Concepts</li> <li>Types of disorder</li> <li>Possible signs and symptoms</li> <li>Causes</li> <li>The possible effects of mental health needs on the individual</li> </ul> <p><u>Composite = Be able to support individuals with mental health conditions to plan their care, treatment and support</u></p> <p>LO2: To include the following areas:</p> <ul style="list-style-type: none"> <li>Types of treatments</li> <li>Hospital based services</li> <li>Community based services</li> <li>Advocacy</li> <li>Charities and voluntary/independent bodies</li> </ul>	<p><u>Unit 17: Supporting people with mental health conditions</u></p> <p>LO2: To include the following areas:</p> <ul style="list-style-type: none"> <li>Legislation</li> </ul> <p>Consolidation of coursework prior to the last moderation in May/June</p>	

	<p><u>Composite = Understand the digestive system, malfunctions and their impact on individuals</u></p> <p>LO3 = Understanding of the digestive system to include:</p> <ul style="list-style-type: none"> <li>Gross structure of the digestive system and functions of the component parts</li> <li>Mechanical and chemical digestion</li> <li>Digestive roles of liver and pancreas</li> </ul>	<ul style="list-style-type: none"> <li>Malfunctions of control and regulatory systems</li> <li>Monitoring, treatment and care needs for malfunctions of control and regulatory systems</li> </ul> <p><u>Composite = Understand the sensory systems, malfunctions and their impact on individuals</u></p> <p>LO6 = Understand sensory systems and malfunctions to include:</p> <ul style="list-style-type: none"> <li>Structure of the eye</li> <li>Structure of the ear</li> <li>Malfunctions of the eye and ear to include causes, effects, monitoring, treatment and care needs.</li> </ul>				
Prior knowledge and skills (from previous year / key stage)	Students may have varying knowledge of anatomy and physiology from science in KS4	Students may have varying knowledge of anatomy and physiology from science in KS4	Students will need to understand key terms in Public health.	Student will have been introduced to key terms in Single award lessons	Key terminology retrieval from previous units	
Core Knowledge Organiser content	Key words and definitions Learning journey	Key words and definitions Learning journey	Key words and definitions Learning journey	Key words and definitions Learning journey	Key words and definitions Learning journey	
Assessment Objectives	<p>LO1: understand the cardiovascular system, malfunctions and their impact on individuals</p> <p>LO2 Understand the respiratory system, malfunctions and their impact on individuals</p> <p>Part LO3: Understand the structure of the digestive system.</p>	<p>Complete LO3: understand the digestive system, malfunctions and their impact on individuals.</p> <p>LO4: Understand the Musculo-skeletal system, malfunctions and their impact on individuals</p> <p>LO5: Understand control and regulation systems, malfunctions and their impact on individuals</p> <p>LO6: understand the sensory systems, malfunctions and their impact on individuals.</p>	<p>LO1: Understand the systems for the protection and promotion of public health</p> <p>LO2: Understand public health strategies.</p>	<p>LO1 Know the main concepts, types, causes and effects of mental health conditions.</p> <p>LO2: Be able to support individuals with mental health conditions to plan their care, treatment and support</p>	<p>LO2: Be able to support individuals with mental health conditions to plan their care, treatment and support</p>	
Vocabulary / Key Subject Terminology	Key words list Language for learning sheets	Key words list Language for learning sheets	Key words list Language for learning sheets	Key word list Language for learning sheets	Key word list Language for learning sheets	
Assessment 1	LO1 topic test	LO3/4 topic test plus retrieval questions	Completion of P1 and P2/M1	P1/P2/M1 completion	Completion of all Mental Health Unit criteria	

Assessment 2	LO2 topic test including retrieval questions from LO1	Full mock	Completion of P3/D1	Completion of P3/M2/D1	Consolidation of coursework for final external moderation	
Cross Curricular Links with other Faculties	Biology – body systems PSHCE – health and wellbeing	Science – body systems PSHCE – skills required for different jobs RE	History – history of medicine PSHCE: health and wellbeing	English: Written reports, discussion PSHCE: Concepts of Mental health, issues surrounding mental health	English – Written reports PSHCE key mental health concepts	
Extra-Curricular Offer	After school club	After school club	Coursework club after school	Coursework/examination club after school	Coursework/examination club after school	
Time Allocation	Autumn 1 8 weeks 2/3 lessons per week	Autumn 2 8 weeks 2/3 lessons per week	Spring term 1 6 weeks 2/3 lessons per week	Spring term 2 6 weeks 2/3 lessons per week	Summer term 1 8 weeks 2/3 lessons per week	