

Subject	Year	Term
Health and social care	12/13	(Y12 - 6) Y13 1-2
Topic		
Unit 4 (Anatomy and physiology for health and social care)		
Content (Intent)		
Prior Learning (Topic)		
Unit 4 has links to previous learning in science/biology and psychology:		
Biology:		
<p>LO1 (Understand the cardiovascular system, malfunctions and their impact on individuals) – 1.1 - 1.4 - GCSE: Year 9 – B3 Infection and response, B2a Organisation (transport), B2c, B2a, 1.5 - A level Biology (sensing and responding to the environment), 1.6-1.8 – A level Bio (Mass transport in mammals), 1.8-1.9 – Year 10 B2b Organisation (disease and enzymes)</p>		
<p>LO2 (Understand the respiratory system, malfunctions and their impact on individuals) – 2.1 – Y9 B2a, 2.2-2.3 + 2.5 – A level Bio gas exchange, 2.4 – A level bio respiration</p>		
<p>LO3 (Understand the digestive system, malfunctions and their impact on individuals) – 3.1-3.3 – Y10 B2b</p>		
<p>LO4 (Understand the musculoskeletal system, malfunctions and their impact on individuals) – 4.2 – Y8 Science, 4.4 – Y13 bio – sensing and responding</p>		
<p>LO5 (Understand the control and regulatory systems, malfunctions and their impact on individuals) – 5.1 & 5.3, 5.5 & 5.6 – Y13 bio – sensing and responding, 5.4 & 5.8 – Y11 B2 Homeostasis</p>		
<p>LO6 (Understand the sensory systems, malfunctions and their impact on individuals) – 6.1 – Y13 Bio sensing and responding, 6.2 – Y7 science</p>		
Psychology: Unit 2 (Biopsychology) – Year 12 term 6		
<p>LO5 (Understand the control and regulatory systems, malfunctions and their impact on individuals) – 5.1-5.4 (components of the nervous system, structure and function of the brain, nerve action, organisation and function of endocrine system).</p>		
Future Learning (Topic)		
<p>Unit 4 (anatomy and physiology – LO3) will link to Unit 10 LO1 (Know nutritional and diet guidelines)</p>		
<p>Unit 4 (Anatomy and physiology – LO3) will also link to Unit 10 LO3 (Understand factors which influence nutritional health)</p>		
<p>Unit 4 (Anatomy and physiology – LO5) will also link to Unit 17 (Supporting people with mental health conditions) LO1 (Know the main concepts, types, causes and effects of mental health conditions)</p>		
<p>Learners will also be able to make links to future learning by using examples of chronic illness and physiological conditions to support their application of case studies to the use of various services.</p>		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p>This topic will involve a large array of pedagogy and include, but not limited to:</p>	<ul style="list-style-type: none"> • Practice assessment style work • Homework tasks 	

- Teacher led lesson content
- Group and independent quizzes/activities
- Independent research
- Seminar style discussions

- Group feedback on exam questions
- Verbal responses.
- Individual and class feedback

How can parents help at home?

Parents can help at home by supporting their child to meet their deadlines and ensure all work is completed to a high standard. They could also help by questioning their child about pertinent issues relevant to health and social care in the news and encouraging them to use subject specific vocabulary.

Helpful further reading/discussion

Reading

1. NHS website
2. Cambridge Technicals Level 3 – Health and Social care. Peteiro, F. et al (2016)
3. Cambridge Technicals level 3 Health and Social Care. Adams, J. (2018)

Vocabulary Lists

Some examples of relevant terminology follow:

Erythrocytes
 Lymphocytes
 Platelets
 Plasma
 Ventricles
 Atrium
 Tricuspid/bicuspid valves
 Purkyne fibres
 Hydrostatic pressure
 Bronchioles
 Bronchi
 Diaphragm
 Aerobic/anaerobic
 emphysema

Careers Links

This unit would have links to a huge variety of careers linked to health and social care. For example:

- Nursing
- Medicine
- Teaching
- Childcare
- Midwifery
- Paramedics
- Social work
- Management within an organisation like the NHS