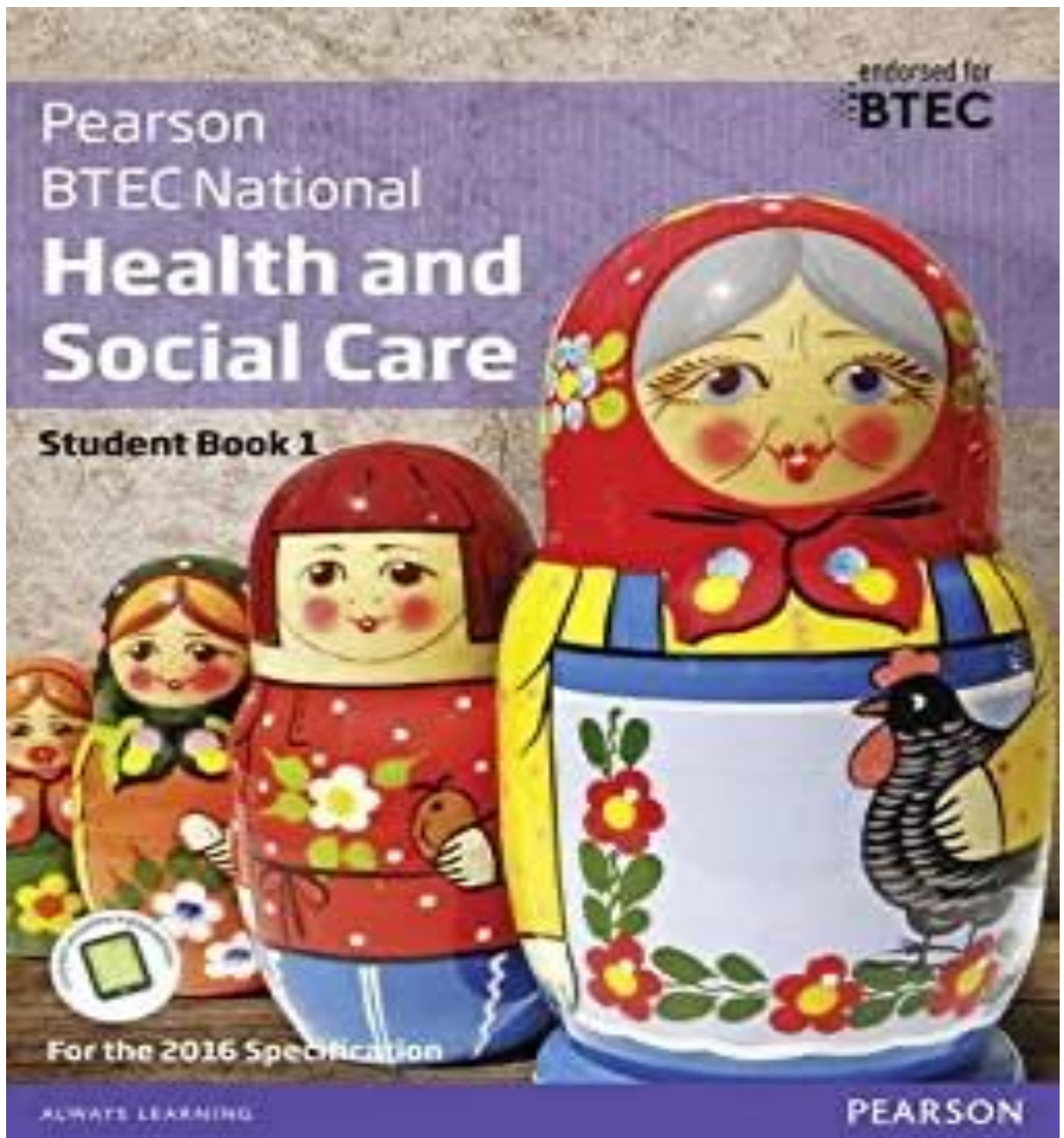


Level 3 BTEC Extended Diploma Health and Social Care



Passport to Y13

Name: _____

What will I be studying?

During unit Three, **Anatomy and Physiology for Health and Social Care**, you will focus on:

This unit focuses on the anatomy and physiology of the human body. You will learn the core knowledge of cellular structure and function and the organisation of the body as a whole. You will then build on this to develop a more detailed knowledge of the fine anatomy and physiology of the skeletal and muscular systems and those systems involved in energy metabolism. You will examine energy and the cardiovascular, respiratory and digestive systems and the functioning of body systems associated with energy metabolism. You will consider some common disorders and how homeostatic mechanisms operate in the maintenance of an internal environment. You will investigate the processes relating to natural conception and prenatal development from the point of fertilisation through to birth. You will

The unit will be assessed through one examination of 90 marks lasting 1 hour and 30 minutes. Learners will be assessed through a number of short- and long-answer questions and multiple-choice questions. The questions will assess understanding of the structure of human anatomy and the function of different body systems.

During unit eight , **Enquiries into Current Research in Health and Social Care**, you will focus on:

This unit will give you an understanding of the aims of public health policy. You will explore how patterns of health and ill health of the population are monitored and how this leads to the development of public health policy. You will consider factors affecting health locally and nationally. You will consider different methods of promoting and protecting public health. You will develop an appreciation of the barriers to be overcome with promoting public health and ways of making people aware of public health issues. You will gain a greater understanding of how healthcare professionals and government agencies use public health initiatives to encourage individuals to change their behaviour in relation to their health

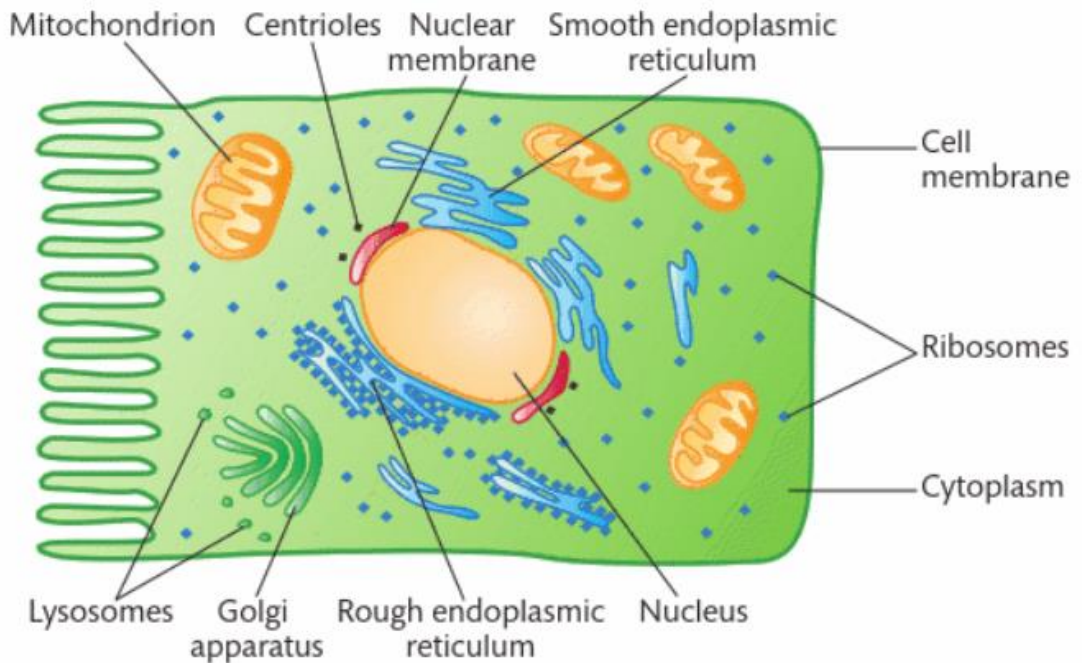
Learning aims

In this unit you will:

- A** Examine strategies for developing public health policy to improve the health of individuals and the population
- B** Examine the factors affecting health and the impact of addressing these factors to improve public health
- C** Investigate how health is promoted to improve the health of the population
- D** Investigate how health promotion encourages individuals to change their behaviour in relation to their own health.

Task 1 label the human cell

Compulsory



For each of the structures labelled above complete the table. Use the text book to support you. This is saved in the SIL folder in Teams.

Organelle / Structure	Anatomy (What its form is/what it looks like)	Physiology (What is its function/what does it do?)

Compulsory

Task 2 Copy this table to a document and complete.

Key term	Definition	Example of where it can be found in the body or how it links to the body.	Picture or symbol to help you remember.
Aerobic respiration			
Anaerobic respiration			
Metabolism			
Basal Metabolic Rate			
Catabolism			
Anabolism			
Law of conservation of energy			

Task 3 – Create a PowerPoint presentation on **Inheritance and Genetic Conditions**.

Slide 1 – What is genetic inheritance?

Slide 2 – Why do genetic variations occur?

Slide 3 – Down's syndrome

Slide 4 – Phenylketonuria (PKU)

Slide 5 – Sickle Cell Disease

Slide 6 - Cystic Fibrosis

Slide 7 – Huntington's chorea (Huntington's disease)

Slide 8 – Diagnostic testing for genetic and chromosomal disorders

Slide 9 - Chorionic Villus Sampling (CVS)

Compulsory

**Suggested
additional
SIL**

Task 4 – History of public health

Produce a document no more than two sides that outlines the history of public health. You may wish to do a timeline, PowerPoint slide, spider diagram or written document. Please include

- Beveridge Report 1942,
- Public Health Act
- Alma-Ata Declaration
- Ottawa Charter for Health Promotion 1986
- Creation of the NHS
- Creation of the World Health Organisation

**Suggested
additional
SIL**

Task 5: Research

Create a PowerPoint presentation outlining how the following agencies promote public health. Include

- What are they?
- How are they funded?
- Who's health are they responsible for promoting?
- Examples of health campaigns, policy or other areas they have designed or have influence over.

1. WHO.

2. Department of Health

3. Public Health Agency

4. Clinical Commissioning Groups (CCGs)

Task 5: Have your say

(Research task. No longer than an hour.)

**Suggested
additional
SIL**

Read the article and decide which public health achievement you think has been the most important. Time yourself to take no longer than an hour to read the information and reach your decision.

<https://www.rsph.org.uk/our-work/policy/top-20-public-health-achievements-of-the-21st-century.html> Prepare notes to discuss your ideas.

**Suggested
additional
SIL**

Task 6: Models of health promotion

Definitions and examples (Text book chapter in SIL folder)

Model/Theory	Explanation of the model and the key features.	Can you find an example of a campaign that uses this model?
Health belief model		
Theory of reasoned action		
Theory of planned behaviour		
Stages of change model		
Social learning theory.		

