

Unit 11:

Physiology of Human Body Systems

Unit code:	F/502/5550
QCF Level 3:	BTEC National
Credit value:	10
Guided learning hours:	60

Aim and purpose

The aim of this unit is to enable learners to investigate some of the organ systems of the human body and how they work together. Learners will have an opportunity to use appropriate tests to investigate the cardiovascular, respiratory, digestive and lymphatic systems and the organisation of cells and tissues.

Unit introduction

This unit will give learners an insight into how the human body works. There are 10 major systems within the human body, which work together as one unit. Physiology is the study of the physical and biochemical functions of these.

This unit will focus on four of the fundamental systems: cardiovascular; respiratory; digestive and lymphatic. An understanding of the functioning of the human body is essential for many careers in health, science, and allied professions.

Learners will focus on each of the systems as a functioning unit, identifying the organs that make up the system and the tissues that comprise them. They will learn to recognise the link between structure and function of cells, and in so doing, understand the organisation of normal tissue, which they can compare with diseased tissue found in many common illnesses. They will also learn the clinical signs when things go wrong with the body.

Learners will conduct experiments and use apparatus in order to investigate how the various human physiology systems work. They will interpret data and draw conclusions, much the same as a laboratory technician might do.

The unit will help learners develop their practical and analytical skills, and increase their knowledge and understanding of human physiology systems. This unit builds upon Unit 1: Fundamentals of Science, and complements Unit 12: Physiology of Human Regulation and Reproduction, which focuses on the control and management of bodily systems.

Edexcel Unit 11 Human Physiology

Diarmid Noël Paton



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Advanced PE for Edexcel Frank Galligan, 2000 PE is one of the fastest growing A level subjects Members of the Edexcel PE examining team have now written a student book which follows this specification unit by unit **Essentials of Human Physiology** Diarmid Noël Paton, 1920

Edexcel Unit 11 Human Physiology Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the ability of words has become more evident than ever. They have the capability to inspire, provoke, and ignite change. Such may be the essence of the book **Edexcel Unit 11 Human Physiology**, a literary masterpiece that delves deep into the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book's key themes, examine its writing style, and analyze its overall effect on readers.

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