

Paddington Academy Topic Overview
Subject: Health and Social Care Unit 3 Human Anatomy and Physiology
Exam Board: Pearson BTEC

Topic	Sub-Topics	Textbook/Revision Guide Pages
The structure and organisation of the human body	How cells work	151-156
	Characteristics of tissues: epithelial tissue, connective tissue, muscle tissue, nervous tissue	156-164
	The structure and function of body organs: heart, lungs, brain, stomach, liver, pancreas, duodenum, ileum, colon, kidneys, bladder, ovaries/testes, uterus, skin	164-165
	Energy in the body : transformation of energy, energy metabolism, basal metabolic rate	166-168
	Human genetics: principles of Mendelian inheritance, genetic variation, diagnostic testing	168-171
The structure, function and disorders of body systems	Homeostatic mechanisms	171-179
	Structure, function and disorders of the cardiovascular system	179-188
	Structure, function and disorders of the respiratory system	188-193
	Structure, function and disorders of the skeletal system	193-196
	Structure, function and disorders of the muscular system	196-199
	Structure, function and disorders of the digestive system	199-207
	Structure, function and disorders of the nervous system	207-209
	Structure, function and disorders of the endocrine system	209-213
	Structure, function and disorders of the lymphatic and immune systems	213-215
	Structure, function and disorders of the renal system	215-217
	Structure, function and disorders of the reproductive system	218-224
Medical Research	How data is collected and used	225
	Clinical trials – double blind and placebo	225
	Epidemiological studies	226
	Mortality and morbidity statistics	226
	Data analysis	226-227