

Medical Science at Norbury High

Overview

The Pearson Edexcel Medical Science course is an applied qualification designed for post-16 learners interested in pursuing careers in healthcare, biomedical science, or related fields. This Level 3 qualification blends theoretical knowledge with practical scientific skills, providing a strong foundation in areas such as human physiology, disease diagnosis, medical research, and clinical practices.

Students will explore topics including the roles of medical professionals, physiological measurements, medical case studies, and the interpretation of diagnostic results. The course emphasises problem-solving, laboratory techniques, and the application of scientific principles in real-world medical contexts.

Assessment is through a mix of internal coursework and external exams, making it suitable for students who prefer a combination of practical and academic work. It supports progression to university courses in medical sciences, nursing, and healthcare-related subjects, as well as entry into the workforce or apprenticeships in health and science sectors.

Year 12

Year 12 learners complete 2 mandatory units:

Unit	GLH	Assessment	Total Marks	Percentage of Qualification
1. Principles of Human Physiology, Anatomy and Pathology	90	External	80	
2. Health Issues and Scientific Reporting	120	External	100	

Year 13

Year 13 learners complete 2 mandatory units and 1 optional unit, chosen by the school:

Unit	GLH	Assessment	Total Marks	Percentage of Qualification
2. Health Issues and Scientific Reporting Revision for Unit 1 resit opportunity (January window)	120	External	100	
Unit 3: Practical Microbiology and Infectious Diseases	90	Internal	80	
Optional Units Unit 4: Diseases, Disorders, Treatments and Therapies OR Unit 5: Biomedical Science OR Unit 6: Human Reproduction and Fertility	60	Internal	N/A	