

Islip Manor High School

Scheme of Learning Overview



This scheme of learning has been designed to ensure that you make progress, develop, and master key knowledge, skills, and ideas through academically rich content that reflects, values, and celebrates the diverse experiences, identities, and contributions of our school community.

Year group:	Term:	Unit duration:	Number of lessons:	Unit title:
Year 10	Autumn	3 weeks	6 lessons	Modern medicine (1900-present)
Unit assessment: To explain how scientific and technological advances changed ideas about causes, treatments, and prevention of disease in the 20th and 21st centuries.			Fertile question: How far has medicine improved since 1900?	
Key skills/ concepts/ prior knowledge that students should have when starting this unit:			Start RAG	End RAG
An understanding of chronology and change over time in medicine Know that ideas about disease, treatment and prevention have developed across different historical periods Know basic methods historians use to study medicine, including written sources, statistics and scientific evidence				
Key skills/concepts/knowledge that students should cover			Start RAG	End RAG
1) Genetics, discovery of DNA (Watson, Crick, Franklin); Human Genome Project; lifestyle factors (smoking, alcohol, diet) 2) Magic bullets (Ehrlich); antibiotics (Fleming, Florey & Chain); surgery advancements 3) Causes: lifestyle & genetics; treatments: radiotherapy, surgery, chemotherapy; prevention: campaigns, smoking bans 4) Blood transfusion developments, transplant surgery, scanning (X-rays, MRI, CT), keyhole & robotic surgery 5) Consolidation of causes, treatments, prevention; overview of 20th/21st century changes				
Stretch. Key skills/concepts/knowledge that students should cover				
• Evaluate the relative importance of science, technology, and government in modern medicine. • Judge how far medicine today focuses more on prevention than treatment. • Compare continuity with earlier periods (e.g., lifestyle factors echo miasma). • Assess how far modern medicine has eliminated inequality in healthcare.				
			Literacy. Key vocabulary/subject terminology that students should cover: DNA Antibiotics NHS Vaccination Lung cancer Surgery Suggested materials teachers could/should use: PowerPoints and resources for each lesson Key home learning tasks students should complete: HL will be set once a fortnight	

