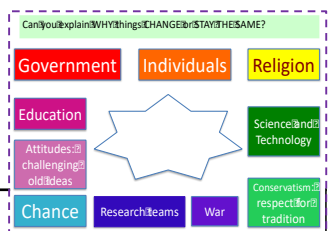
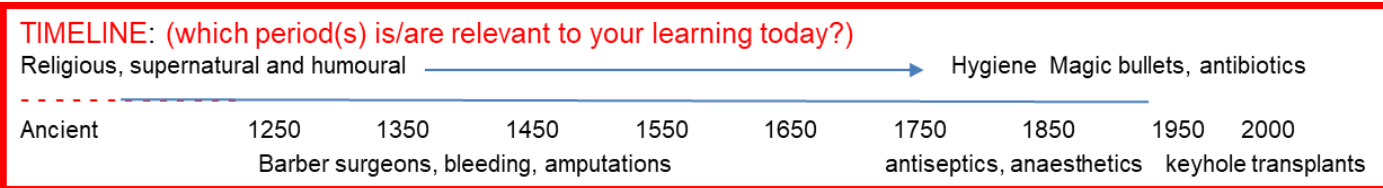
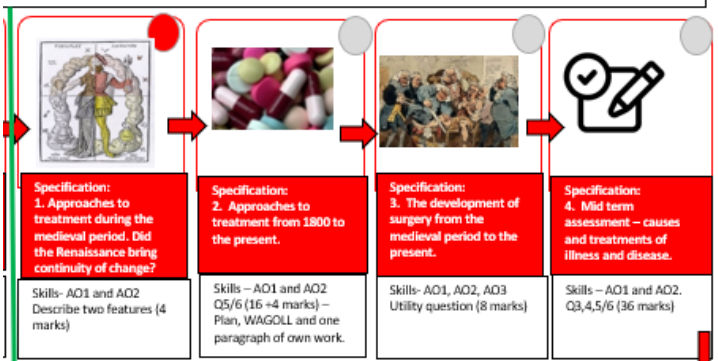


Medicine Through Time GCSE Knowledge Organiser – Treatment and surgery



The Big Picture:



Why did the Church limit the development of treatments?

How has medical knowledge developed over the last 800 years?

What factors have affected the development of treatments?

Who are the key individuals who have influenced development of treatment and surgery?

Key Individuals	
James Simpson	Discovered that chloroform could be used as an anaesthetic in 1847.
Joseph Lister	Discovered that carbolic spray could be used as an antiseptic in 1867.
Alexander Fleming	Discovered penicillin in 1928 and realised it could be used as an antibiotic to treat infections.
Chain and Florey	Oxford scientists who developed the work of Fleming to turn penicillin into an effective antibiotic.
Paul Ehrlich	Used the work of Robert Koch in order to create Salvarsan 606.
Gerhard Domagk	Created prontosil which was the first antibiotic that could be used to treat blood poisoning.
William Beveridge	A civil servant who created the Beveridge report.
Aneurin Bevan	The Labour Minister of Health who oversaw the creation of the NHS.

Key Words	Definition
Anaesthetic	A substance used to stop a patient from feeling pain.
Antibiotic	A drug used to treat infections.
Antiseptic	A substance used to kill germs and make something sterile.
Penicillin	An antibiotic created by Alexander Fleming.
Magic Bullet	The first drugs used to target and destroy specific germs.
Prontosil	A 'magic bullet' created in 1932 that cured bacterial infections.
Salvarsan 606	A 'magic bullet' created in 1910 that cured syphilis.
Barbers surgeon	Barbers who also carried out simple treatments and surgeries in the Middle Ages and Renaissance this included blood letting, pulling teeth and amputations.
Surgery	Operating on a patient in order to cure and illness or injury.
NHS	National Health Service- providing healthcare that is free at the point of use to people in the UK.
Beveridge Report	Report published in 1942 that set out the structure for the Welfare State in Britain.



CEIAG Link – In this unit we can make links to a variety of professions **Scientist Medicine – doctor, chemist, surgeon** and you will given opportunities to listen and say information clearly when you speak or write. This is the **employability skill of communication** and is important across many careers.