

Subject: History Topic: The Beginnings of Change

Year Group: 10



BECKTOOT											
Key idea: What changed in the Renaissance?				1. Understanding of Disease				word	Definition		
1		Exploration meant people brought back new products from other countries.	1	What stayed the		People still believed strongly in the Four Humours theory God was still believed by some to be the cause of illness Miasma was still believed to cause illnesses The scientific method developed as people	Barber Surgeon		Medieval barber who practiced surgery and dentistry		
2		Meant diagrams were more accurate,		same?	3.		Blood letting		Removing some blood by opening a vein or using leeches		
	in art	allowing people to learn more about anatomy	2	What			En	netic	Substance that makes a patient vomit		
3	The Reform- ation	As many countries broke from the Catholic Church, people started to question traditional ideas and to experiment.		changed?	Some progress in understanding of anatomy, however the church suppressed the writings		Humours		4 liquids in the body that must be in balance		
	40.011	and and and to experiment.				that disagreed with Galen	Miasma		Bad air/smells – it was believed		
Key Individuals				2 Turkunut					up until the 19 th Century that this was the cause of disease		
1	Vesalius	Increased anatomical knowledge through	2. Treatments								
2	Paré	dissections and proved Galen wrong Developed new surgical techniques and	1	What were treatments like?	1.	 Treatments still focused on balancing the four humours Many still relied on supernatural cures e.g. people believed the King's touch could cure scrofula 	Printing Press		An invention that allowed books to be printed rather than hand written		
3	Harvey	treatments Discovered how the heart circulated blood	2				Purge		Making a patient be sick in order		
	riarvey	around the body and proved Galen wrong		Where could people get treatments?	1. 2.	visited wise women, doctors and apothecaries			to balance their humours		
4	John Hunter	Set up surgical schools and raised public interest in science					Quack		A salesman who sold fake cures		
5	Jenner	Developed the first vaccination against smallpox		treatments:	3.	medical basis. Herbals - Books, printed cheaply which contained herbal remedies	Renaissance		The period after the Middle Ages when learning and science were encouraged		
Key factors in Renaissance				Changes in	1.	In a few hospitals, doctors were trained on the	Ke	y dates			
1	Communic -ation	The printing press allowed books to be printed quickly and cheaply – more access to new knowledge	4	New treatments from abroad	3. 4.	wards Training emphasised the importance of observation More doctors did dissections In 1645 the Royal Society was set up for physicians to experiment and share ideas Rhubarb from Asia was used to purge the bowels The bark from a South American tree made quinine and helped to treat fever and malaria	1	1440	The printing press was invented		
							2	1495	Columbus discovered the New World		
2	Science and technology	The development of scientific method led to new ideas and more accurate results Some improvements in technology – the					3	1537	Paré created new ointment		
							4	1543	Vesalius published his Fabrica		
3	Individuals	first microscopes and thermometers 1. Individual scientists made huge contributions in this period. 2. Some gained government assistance or recognition					5	1632	Harvey published his work on the circulatory system		
					3.		6	1665	The Great Plague hits London		
							7	1796	Jenner creates the first vaccine		



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3. Surgery				4. Public Health			Key word	Definition			
1	Why did surgery improve?	new woul	er and cannons meant that soldiers got nds. eons had to develop new techniques to	1	What stayed the same?	 Towns were still dirty and overcrowding Little government involvement in people's health and living conditions 	Anatomy	The study of the human body			
2	How did	treat ther		2	Hospitals and care	Church hospitals and monasteries stopped after Henry VIII dissolved the monasteries	Bubo	Black swellings – a symptom of the black death			
2	surgery improve?	work and				 Hospitals were set up by charities and local councils e.g. St Bartholomew's in London Some hospitals were more specialist e.g. maternity hospitals Hospitals would not admit people with infectious diseases Most rich people still preferred to pay for home visits 	Cauterisation	Using a heated iron or hot oil to seal a wound			
3	Impact of Paré	gunshot v had sooth	ourgeon Paré ran out of oil to cauterise of wounds and created a new lotion that othing anesthetic properties igned over 50 kinds of false body parts and them for wounded soldiers experimented with ligatures to stoping as an alternative to cauterisation				Cesspit	Pit for the disposal of liquid waste and sewage			
		made the		3	Preventing disease	from doctors 1. Inoculation against the deadly disease smallpox was dangerous and expensive	Epidemic	Spread of a disease to a large number of people			
4	Hunter surgi		set up his own anatomy school and I practice			 Through experimentation, doctor Edward Jenner proved that infecting someone with cowpox would protect them from smallpox. 	Immunity	Protection from a disease			
		experime e.g. treati 3. Hunter ra	is books were widely read and he inted with new techniques in surgery ing aneurysms ised public interest in science with his of plant and animal species			 Some rejected his work because he wasn't a well known doctor, it wasn't profitable for doctors and he couldn't explain how it worked The government gave Jenner £30,000 to develop his idea and in 1852 made vaccination compulsory 	Inoculation	Using a weakened but live germ of a disease to help a person build up immunity			
5.	The Great Pla	gue					Ligatures	A thread used to tie			
1	What was the Great Plague? 1. An epidemic of plague that hit Brit							blood vessels during surgery			
2	What caused it?		 Similar causes to the Black Death – crowded and dirty conditions encouraging rats. People still believed in the same causes –especially miasma 					Isolating a sick person or household to stop			
4	What cures did people try?		 Bleeding with leeches Blocking bad smells with vinegar or 	r pon		3. Using animals to draw out the 'poison'.4. Moving to the countryside (the rich).		the spread of a disease			
5	What was the government reaction?		 Public gatherings were banned. Bodies were buried at night. Searchers employed to find and qu 	uaran		4. Trade between towns was stopped. 5. Cats and dogs were killed. ctims and their households	Smallpox	An infectious disease common until the 18 th Century			
6	6 Consequences		 70,000 people died in London After the Great Fire of London, the city was re-built with spacious streets and stone buildings 				Vaccination	Using the dead germs of a disease or one			
7	7 Comparing the Black Death and the Plague		 Similarities – same causes and ineffective cures Differences – some improvement in the understanding of how diseases spread and more government action 					like it to give a patient immunity			