

## Unit One – What did people think caused disease?

Medieval beliefs about causes			Renaissance beliefs about causes		
1	Hippocrates	An Ancient Greek philosopher who came up with theory of the Four Humours.	10	Four Humours	Blood, Phlegm, Black Bile, Yellow Bile – Four elements which medieval people believed all humans had and could cause disease if they were not balanced.
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3	Four elements	Earth, fire, water, air – the four earthly elements that the four humours were based on.	12	Divine causes	The belief that diseases were caused by God as <b>punishment</b> for sins people had committed.
4	Galen	A Roman doctor who built on Hippocrates' idea, the Four Humours.	13	Supernatural causes	The belief that diseases are caused by magic or witchcraft
5	Theory of Opposites	Galen's theory that diseases were caused by the Four Humours being in-balanced. Treated by re-balancing the Four Humours.	14	Miasma	The belief that diseases are caused by bad smells / <b>'foul smelling air'</b> .
6	Divine causes	The belief that diseases were caused by God as <b>punishment</b> for sins people had committed.	15	William Harvey	Discovered the heart was a pump (pumped blood around the body) important new ideas about causes in later periods.
7	Sins	A religious belief that any bad things you do in your life are sinful and you will be punished by God for them.	16	The Plague – stay indoors	During the Great Plague 1665, many stayed indoors to avoid contact with others. Reveals that they sort of understood you could catch disease from others.
8	Supernatural causes	The belief that diseases are caused by magic or witchcraft.	17	Andreas Vesalius	Made discoveries about anatomy (human body) which challenged Galen's old ideas about the human body.
9	Miasma	The belief that diseases are caused by bad smells / <b>'foul smelling air'</b> .	18	Thomas Sydenham	Believed every disease was different and had to be treated differently. Found out from observing different diseases.
1700-1900 beliefs about causes			Modern beliefs about causes		
19	Miasma	The belief that diseases are caused by bad smells / <b>'foul smelling air'</b> .	27	Germ Theory	Germs or bacteria cause disease not miasma.
20	Louis Pasteur	Discovered <b>Germ Theory</b> in 1861.	28	DNA	Discovered in the 1800s but they did not know what it did.
21	Germ Theory	Germs or bacteria cause disease not miasma.	29	Genetics	We all have unique DNA but share parts with our parents.
22	Robert Koch	Developed Pasteur's work and discovered individual germs which caused different diseases. 1 <sup>st</sup> , Anthrax in 1882.	30	Crick and Watson	1953 discovered the structure of DNA (what it looks like) and proved it was in every human cell and is passed on to kids.
23	Spontaneous Generation	Belief of ____ that diseases <b>spontaneously generated</b> – meaning they appeared out of nothing...	31	Genetic causes	DNA passed down through parents can cause diseases. i.e. if your parents have cancer you could also get it.
24	Dr John Snow	Discovered that dirty water caused Cholera in London, 1854.	32	Lifestyle	How you live your life e.g. how much you exercise.
25	Florence Nightingale	Nurse (famous Lady with the Lamp) who still believed miasma was the cause of disease.	33	Lifestyle causes	The idea that your life style choices can cause disease. E.g. if you smoke you're more likely to get lung cancer.
26	Chadwick	19 <sup>th</sup> century MP who still believed miasma caused disease.	34	Diagnosis	New technologies e.g. X-Rays, endoscopes and scanners.