**Paper 1 – Medicine through time**

**Keywords**

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| **Keyword** | **Definition** |
| Miasma |  |
| Physician  |  |
| Humoural treatments |  |
| Apothecary |  |
| Quarantine |  |
| Alchemy |  |
| Microbes |  |
| Decaying matter |  |
| Aseptic surgery |  |
| Inoculate |  |
| Cowpox |  |
| Public vaccinators |  |
| Laissez-faire |  |
| Cesspit |  |
| DNA |  |
| Genome |  |

**Key people**

|  |  |
| --- | --- |
| **Name** | **What did they do? Which event are they linked to?** |
| Hippocrates |  |
| Galen |  |
| Andreas Vesalius |  |
| William Harvey |  |
| Thomas Sydenham |  |
| Edward Jenner |  |
| James Simpson |  |
| Florence Nightingale |  |
| Louis Pasteur |  |
| John Snow |  |
| Joseph Lister |  |
| Robert Koch |  |
| William Roentgen |  |
| Alexander Fleming |  |
| Howard Florey and Ernst Chain |  |
| Rosalind Franklin, Francis Crick and James Watson |  |

**Key Dates**

|  |  |
| --- | --- |
| **Date** | **Event** |
| 13 | Black Death arrives in Britain |
| 14 | Printing Press is invented |
| 15 | Publishing of Vesalius’ *‘The Fabric of the Human Body’* |
| 16 | Harvey publishes his book on the circulation of blood |
| 1660 | The Royal Society is formed |
| 16 | Sydenham publishes his *Observationes Medicae’* |
| 16 | Great Plague arrives in Britain  |
| 17 | Jenner discovers the smallpox vaccination |
| 1847 | Simpson discovers effects of chloroform |
| 18 | Nightingale treats wounded in the Crimean war |
| 18 | Pasteur discovers Germ Theory |
| 18 | Lister uses carbolic acid in surgeries for the first time |
| 18 | John Snow discovers the causes of Cholera |
| 1875 | Second Public Health Act |
| 18 | William Roentgen discovers x-rays |
| 1914-1918 | WW1 |
| 19  | Paul Ehrlich discovers the firs magic bullet, Salvarsan 606 |
| 19 | Fleming discover Penicillin  |
| 19 | NHS is launched |
| 19 | Clean Air act passed |
| 19 | Franklin, Watson and Crick discover structure of DNA |
| 19 | Human Genome project began |

**Extension** – can you colour code the events to ‘ideas about causes and prevention’ and ‘ideas about treatments’?