**Medicine Chronology Revision: How much impact did these events have on progress in Medicine?**

1. **Read the key events in the first column.**
2. **Find out the correct dates for each event and write them in the second column.**
3. **Colour code the event and date according to the time period. Don’t forget to do a key!**
4. **Write an extra fact for each event along each row.**
5. **Lightly shade in the bar chart to show how much impact you think each event has had.**
6. **Finally, explain which you think is the most significant and why.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key event** | **Date** | **None** | **Slight** | **Partial** | **Moderate** | **Substantial** | **Significant** | **Extreme** |
| Hippocrates develops Theory of 4 Humours |  |  |  |  |  |  |  |  |
| Galen develops Theory of Opposites |  |  |  |  |  |  |  |  |
| The Black Death arrives in Britain |  |  |  |  |  |  |  |  |
| Printing press invented by Gutenberg |  |  |  |  |  |  |  |  |
| Many Church hospitals close |  |  |  |  |  |  |  |  |
| The Fabric of the Human Body is published |  |  |  |  |  |  |  |  |
| William Harvey discovers the heart is a pump |  |  |  |  |  |  |  |  |
| The Royal Society is set up |  |  |  |  |  |  |  |  |
| The Great Plague kills 100,000 in London |  |  |  |  |  |  |  |  |
| Thomas Sydenham publishes his book |  |  |  |  |  |  |  |  |
| Edward Jenner develops smallpox vaccination |  |  |  |  |  |  |  |  |
| James Blundell does 1st blood transfusion |  |  |  |  |  |  |  |  |
| Edwin Chadwick publishes his report |  |  |  |  |  |  |  |  |
| Robert Liston uses ether |  |  |  |  |  |  |  |  |
| Chloroform is used by James Simpson |  |  |  |  |  |  |  |  |
| The first Public Health Act is passed |  |  |  |  |  |  |  |  |
| Queen Victoria uses chloroform |  |  |  |  |  |  |  |  |
| Florence Nightingale improves hospital care |  |  |  |  |  |  |  |  |
| **Key event** | **Date** | **None** | **Slight** | **Partial** | **Moderate** | **Substantial** | **Significant** | **Extreme** |
| John Snow discovers that water carries cholera |  |  |  |  |  |  |  |  |
| The Great Stink |  |  |  |  |  |  |  |  |
| Nightingale School for Nurses is set up |  |  |  |  |  |  |  |  |
| Louis Pasteur publishes the Germ Theory |  |  |  |  |  |  |  |  |
| Joseph Lister uses carbolic acid |  |  |  |  |  |  |  |  |
| Joseph Bazalgette designs sewers in London |  |  |  |  |  |  |  |  |
| The second Public Health Act is passed |  |  |  |  |  |  |  |  |
| Louis Pasteur works on vaccinations |  |  |  |  |  |  |  |  |
| Robert Koch invents a steam sterilizer |  |  |  |  |  |  |  |  |
| Robert Koch identifies TB causing microbe |  |  |  |  |  |  |  |  |
| First X-Ray is taken |  |  |  |  |  |  |  |  |
| RAMC is formed |  |  |  |  |  |  |  |  |
| Landsteiner discovers 3 of the 4 blood types |  |  |  |  |  |  |  |  |
| FANY is founded |  |  |  |  |  |  |  |  |
| Ehrlich and Hata discover Salvarsan 606 |  |  |  |  |  |  |  |  |
| National Insurance is introduced |  |  |  |  |  |  |  |  |
| Tetanus injections given to soldiers |  |  |  |  |  |  |  |  |
| Gas masks provided to soldiers |  |  |  |  |  |  |  |  |
| Soldiers given Brodie helmets |  |  |  |  |  |  |  |  |
| The Thomas Splint is used for broken legs |  |  |  |  |  |  |  |  |
| The Carrel-Dakin method is introduced |  |  |  |  |  |  |  |  |
| Blood is stored for the first time |  |  |  |  |  |  |  |  |
| Alexander Fleming discovers penicillin |  |  |  |  |  |  |  |  |
| **Key event** | **Date** | **None** | **Slight** | **Partial** | **Moderate** | **Substantial** | **Significant** | **Extreme** |
| M and B 693 is discovered |  |  |  |  |  |  |  |  |
| Florey and Chain continue the work of Fleming |  |  |  |  |  |  |  |  |
| US Government produces lots of penicillin |  |  |  |  |  |  |  |  |
| NHS is set up |  |  |  |  |  |  |  |  |
| Vaccinations for polio/whooping cough |  |  |  |  |  |  |  |  |
| Watson and Crick identify DNA |  |  |  |  |  |  |  |  |
| The Clean Air Act is passed |  |  |  |  |  |  |  |  |
| Measles vaccination introduced |  |  |  |  |  |  |  |  |
| Cigarette advertising banned from television |  |  |  |  |  |  |  |  |
| Government campaign to prevent HIV infection |  |  |  |  |  |  |  |  |
| MMR vaccination is introduced |  |  |  |  |  |  |  |  |
| James Watson led the Human Genome Project |  |  |  |  |  |  |  |  |
| Smoking banned in public places |  |  |  |  |  |  |  |  |
| HPV vaccination introduced |  |  |  |  |  |  |  |  |
| Smoking banned in cars with children |  |  |  |  |  |  |  |  |

**Now explain which you think is the most significant and why.**