**Ideas Development Planning – GCSE Physics**

1. **Development of Scientific Thinking**

WS 1.1 Understand how scientific methods and theories change over time.

* Give examples to show how scientific methods and theories have changed over time.

**Global cultural exchange**

* Explain, with an example, why new data from experiments or observations led to changes in models or theories.

**Discovery of New World**

**P. C. Ray**

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| WS 1.3 Appreciate the power and limitations of science and consider any ethical issues which may arise. | Explain why data is needed to answer scientific questions, and why it may be uncertain, incomplete or not available.  Outline a simple ethical argument about the rights and wrongs of a new technology. |

**Artificial Intelligence – Racism**

**4.4.1.3 The development of the model of the atom (common content with chemistry)**

Nagaoka