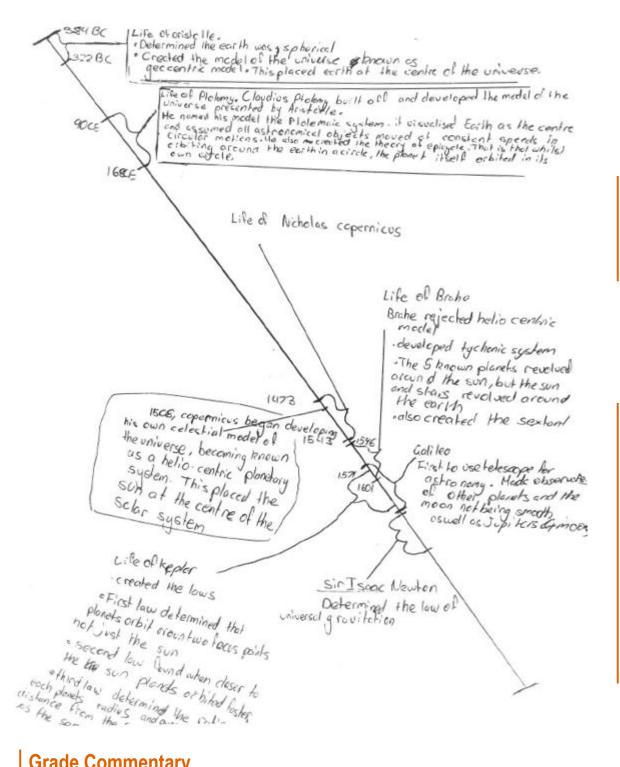
## Year 11 Physics student work sample - Grade D

## Models of the universe

The response describes some of Galileo's observations using the telescope but does not relate how they support the heliocentric model or refute the geocentric model

Brief outline of Brahe's use of the sextant to gather information

Details of the relevant advances in technology would strengthen this response



The response diagrammatically develops a chronological sequence of events

This diagram is not a true timeline as time is not drawn to scale. It does indicate models for Aristotle, Ptolemy, Copernicus and Brahe, but does not mention those of Kepler, Galileo and Newton. The response would be enhanced by the inclusion of the life span of each relevant scientist

## **Grade Commentary**

Savita outlines information in a logical sequence using relevant scientific ideas. The response demonstrates a sound knowledge of the concepts and could be enhanced by a more detailed evaluation of the key ideas.

Savita's response demonstrates characteristics of work typically produced by a student performing at a grade D standard.