## Year 11 Physics student work sample - Grade E

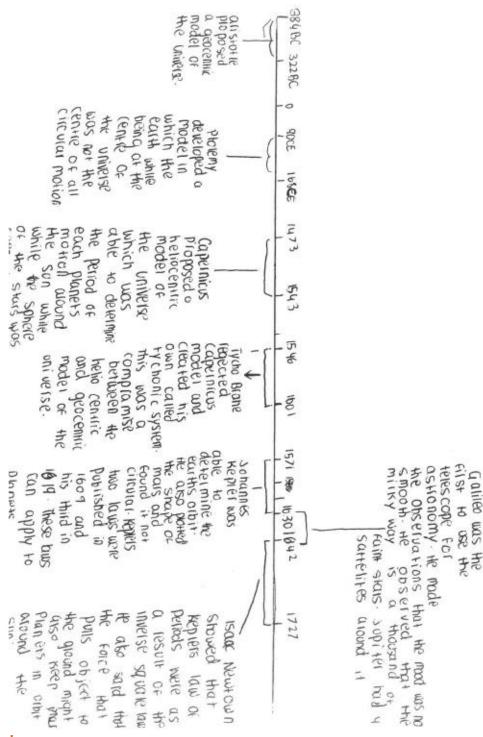
## Models of the universe

21st century:

This section outlines some relevant information in a logical sequence. It identifies movement from geocentric model to the heliocentric model

This part identifies
Galileo's use of the
telescope but does not
give any details of the
observations that
Galileo recorded or
their significance to
providing evidence for
the heliocentric model
of the universe

Further details of the relevant advances in technology would strengthen this response



This response diagrammatically develops a chronological sequence of events. This is not a true timeline as time is not drawn to scale

Indicated here are the models of Aristotle, Ptolemy, Copernicus and Brahe, but the response does not mention Kepler, Galileo or Newton

## **Grade Commentary**

Frances demonstrates an elementary knowledge of content and understanding of the role of technology in developing models for the solar system. In addition, the response demonstrates elementary skills in structuring and communicating ideas.

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