



Science



OBSERVING THE UNIVERSE

Key Stage: 3

Length: 1-2 hours (adaptable)

Maximum number: See [Planning a visit](#)

This session offers students the opportunity to gain insight into the problems of astronomical observation and the significance of the telescope in astronomy.

Students will be shown a range of early astronomical instruments from medieval astrolabes through to the telescopes of the eighteenth century.

A hands-on session will enable students to experience and compare different designs of telescope such as the Galilean refracting and the Newtonian reflecting telescopes.

In the practical activity students make a model of a simple mariner's astrolabe and use it to solve a problem giving insight into the use of geometry in early astronomical calculations.



For booking and further information contact the Education Officer:

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