KS2 SCIENCE · EARTH AND SPACE (YEAR 5)

How our ideas changed

Name: _____

Date: _____

Cut out the cards on page 2. Stick each one next to the right date.

about AD 150

Stick the card here

about 1025

Stick the card here

1543

Stick the card here

1609

Stick the card here

1610

Stick the card here

Cards · cut along the dashed lines (they are mixed up)

Copernicus

The Sun is at the centre. Earth and the planets orbit the Sun.

Galileo

Saw moons orbiting Jupiter. Not everything goes round the Earth.

Ptolemy

Earth is at the centre. The Sun, Moon and planets go round it.

Kepler

Orbits are ellipses: slightly oval, nearly round.

Alhazen (Ibn al-Haytham)

Questioned Ptolemy's model. A model must match what we observe.

Answers (fold under):

AD 150 Ptolemy · 1025 Alhazen · 1543 Copernicus · 1609 Kepler · 1610 Galileo

Earth-centred = geocentric. Sun-centred = heliocentric.