



WENSLEY FOLD CE PRIMARY ACADEMY
SCIENCE SCHEME OF WORK



PROGRESSION THROUGH TOPICS

PHYSICS – EARTH AND SPACE

Year 5

- I can describe and explain the movement of the Earth and other planets relative to the Sun.
- I can describe and explain the movement of the Moon relative to the Earth.
- I can explain and demonstrate how night and day are created.
- I can describe the Sun, Earth and Moon (using the term spherical).



KS3

Gravity force, weight = mass x gravitational field strength (g), on Earth $g=10 \text{ N/kg}$, and it is different on other planets and stars; gravity forces between Earth and Moon, and between Earth and Sun (qualitative only). Our Sun as a star, other stars in our galaxy, other galaxies. The seasons and the Earth's tilt, day length at different times of year, in different hemispheres. The light year as a unit of astronomical distance.