



Prior Knowledge

- History of flight
- Maps, compasses, grid references, symbols and keys
- I understand that light reflects off objects and affect shadows
- Knowledge of seasons

Year 5&6 Term 1 and Enquiry title Do we really need to leave this planet?

Driver Text: Cosmic (T1, Y6), Brightstorm (T1, Y5)

Opportunities for visitors, trips and outdoor learning: Martin House project with M-Shed (Y6)

Global citizenship: Should we be spending money trying to leave the planet or could it be better spent elsewhere?

Concepts Covered

Geography: place, space, interconnection, scale, environment, sustainability, change

History: significance, artefacts, conflict, settlement, civilisation, Travel and exploration, People and beliefs

Science: changes, structure, energy, working scientifically. Function and Process, Similarity and difference, cause and effect

Key Vocabulary

Geography:
latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, , Arctic and Antarctic Circle, Prime/Greenwich Meridian time zones (including day and night), compass, north, south, east, west, grid references, key

History:
Aviation, Box kite, Concorde, Space , NASA, Challenger, Apollo, astronaut, cosmonaut, Soyuz, Space Race, economy, conflict, chronology, International Space Station, Space Tourism, SpaceX, Virgin Galactic, Blue Origin

Science:
Gravity, moon, sun, spherical, solar system, galaxy, universe, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, rocky planet, gas planet, dwarf planet, orbit, revolve, rotate, axis, atmosphere, moon phases, waxing, waning, gibbous, star, light year, satellite, celestial body

Key Knowledge

Geography

- I can identify the position and significance of latitude, longitude, Equator, Northern Hemisphere and Southern Hemisphere
- I know the different time zones including the Prime/Greenwich/Meridian
- I can use maps, atlases, computer mapping and globes
- I can use the 8 points of a compass and 6 figure grid references
- I can use symbols and keys on maps

History

- I understand Bristol's role in the history of aviation and its impact on the wider world
- I have an understanding of the history of space travel
- I can debate and have an opinion on how money should be spent

Science

- I can describe the movement of the Earth and other planets relative to the sun
- I can describe the movement of the moon relative to the Earth
- I can use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

<43	43-410	410-1066	793-1066	1066-1485	1485-1603	1603-1714	1714-1837	1837-1901	1901<
Pre - history	Roman	Anglo-Saxon	Viking	Medieval	Tudor	Stuart	Georgian	Victoria	Modern