



Cornerstones



Stargazers

Imaginative Learning Project for Year 5 children

Journey through space, the final frontier...
Navigate beyond the Sun: the magnificent, blazing star at the centre of our Solar System!

Investigate the eight planets – Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Take a look at the Moon, a celestial body that orbits Earth.

Programme a 'rover' to traverse a lunar landscape and work scientifically to investigate gravity, and what happens when there is none! Compare the time of day at different places on the Earth and use GPS satellite navigation systems to track hidden treasure! Get in a spin making simple models of the Solar System and listen to the haunting sounds of space-themed songs.

Then it's three, two, one... **BLAST OFF!** Build and launch a rocket for an important test mission.

Exploring space is probably the greatest adventure that humankind has ever undertaken. Are we alone or are there other life forms out there?

ILP focus	Science
English	Mnemonics; Myths and legends; Free verse poetry; Newspaper reports; Science fiction/graphic narrative
Science	Earth and space; Forces; Working scientifically
Art & design	Printing; Design
Computing	Programming; Stop motion animation
D&T	Selecting materials; Design research; Structures; Evaluation
Geography	Locating physical features
History	Significant individuals – Galileo Galilei, Isaac Newton; 1960s space race
Mathematics	Problem solving using measures
Music	Space-inspired music and lyrics
RE	Dance

SMSC

Spirituality

Moral

Social

Cultural

FBV

Individual liberty

Tolerance and respect