

LKS2 Topic: Adventure in SPACE - same coloured sessions in each Theme are blocked

	THEME 1 Our Planet [Geography / Science]	THEME 2 Blast Off! [D & T / ICT]	THEME 3 Moon Landing [History / Science]	THEME 4 Out In Space [Creative Arts/Science]
1	Planet Earth - Key Facts <i>Earth & The Universe</i> (Geography)	<i>Oxford First Book of Space - Balloon rocket experimts</i> (Eng/Sci) [2]	<i>I Took The Moon For A Walk</i> (poem) Study day & night (Science/Eng) [2]	Elton John Rocket man/write 1 st person accounts (Music/Eng)
2	Planet Earth scapes using prints Satellite images (Art/Geography)	Space Rockets - locate & extract info & present it (D&T/English)	<i>I Took Moon For A Walk</i> Moon facts, phases of the moon (Science/Eng)	'Blast Off' Musical Composition. Instruments & pitch (Music)
3	Finding your way around our planet. World maps & globes (Geography)	Create own Space Rockets - construction & diagrams (D&T)	History of Space Race & Chronology Lunar Timelines (History) [2]	Copland - Fanfare For The Common Man Music Appraisal (Music)
4	Planet Record Breakers! Highest, longest, deepest, etc (Geog/ICT)	Design own Space Rocket. List materials and equipment req'd (D&T)	Moon Landing: TV footage. Creating news report (Hist/English)[2]	Copland - respond then plan dance sequence (Music/PE)
5	Day and Night: Find & study explanations - Demonstrations (Science)	Evaluating detachable features for rocket model (D&T)	Famous astronauts Astronaut passports (History/English)	The Solar System. Solar System Mobiles (Science/D&T)
6	Years, Months, Seasons Use Simulation Website (Science/ICT)	Construct/ appraise/ improve Space Rockets (D&T)	Moon Landing memories Interview someone alive in 1969 (History/English)	Planet Top Trumps! Collect info in chart (Science/ICT)
7	Structure of Planet Earth Journey to the Core (Science/Geog) [2]	NASA web research Launch commentaries (ICT/Eng) [2]	Shadows Practical tests- explore moon phases & eclipses (Science)	Research into Venus. Recreate painted image. (Art/Science)
8	Field Study - rocks. Describe, group & test (Science) [2]	<i>What Shape Is A Poem?</i> Shape poems- Rockets & Space Themes (Eng) [2]	Light and Shadows - does light travel thro materials? (Science)	Visit to Mars - is there life? Write Captain's Log Entry (Science/ICT)
9	Field Study - soils. Describe, separate, experiment (Science) [2]	Making animated Space Movie Cartoons. Simulations (ICT)	Moon Landing, Playscripts, use shadow puppets (Sci/Hist/Eng) [2]	Study giant Jupiter Listen to Holst, Marble paintings (Sci/Art/Music)
10	Threats to environment and planet. Present info (Geog/Science)	Astronaut training. Create job advert for NASA (ICT/Eng)	Moon maps, photos, sat images. Create own moon image (Art/Geog)	Study Saturn's Rings Create comb paintings (Art/Science)
11	<i>What Planet Are You From Clarice Bean?</i> (Geography/Art)	The Space Station - 3D simulation @ Bristol IMAX website (ICT)	<i>Man on the Moon (A Day In The Life Of Bob)</i> Fact & fiction (Sci/Eng)	Uranus: Space postcards Hist of its discovery (Science/Eng/Hist)[2]
12	Protecting our planet 'Doing Your Bit' (ICT/Geog)	Living in Space. Write own information reports (Eng/ICT)	<i>Man on the Moon</i> Design Lunar Souvenirs Guided Tour (Eng/Sci/D&T) [2]	Out on the edge - planets Neptune & Pluto Create Ice Art! (Science/Art)

Curriculum Areas

English: Black	Humanities: Purple (History/Geography)
Mathematics: Blue	Creative Arts: Pink (Art/Music/PE)
Science: Orange	Technologies: Green (D & T/ICT)

Key Texts and Resources:

Adventure in Space

An essential text for this Topic is **Oxford First Book of Space** (Andrew Langley, OUP, ISBN 0199109818). We use it in Themes 2, 3 and 4. However, there are other similar books available on the market, so, with some adaption to sessions, you could use one of these instead.

Theme 1: Our Planet (Geography/Science)

The Theme begins with an introduction to Earth, using key facts, satellite images, maps and globes. Throughout the Theme you will need **Earth and The Universe** (Andrew Langley, OUP, ISBN 0199109737). Studying the Earth's orbit covers areas of the curriculum concerning day/night, months, and years. You will need to arrange a trip to a Field Study Centre as children investigate different soil types and rocks. Using **What Planet Are You From, Clarice Bean?** (Lauren Child, Orchard Books, ISBN 1841211044), children learn how they can help the environment and save our planet.

Theme 2: Blast Off! (D&T/ICT)

All aboard for a trip into space as children experiment with balloon rockets before designing, constructing and evaluating their own space rocket. You will need **Oxford First Book of Space** (Andrew Langley, OUP, ISBN 0199109818) throughout this Theme. The NASA website introduces rocket language for children to use as they write a rocket shape poem. Finally, children look at how astronauts are selected before writing a day in the life of...

Theme 3: Moon Landing (History/Science)

Moon-mania now, as children study day and night and lunar cycles before using their space timeline to go back in time to watch the 1969 Moon Landing. **Oxford First Book of Space** (Andrew Langley OUP ISBN 0199109818) is an essential text as children discover eclipses and shadows, then carry out investigations to discover what materials light will travel through. **Man on the Moon (A Day in the Life of Bob)** by Simon Bartram (Templar Books, ISBN 1840114916) gets creativity flowing as children design their own moon images complete with Lunar Souvenirs!

Theme 4: Out In Space (Creative Arts/Science)

A musical interlude as children listen to various space music, comparing styles and sounds then choreographing dance moves. They create their own Blast Off! composition to accompany a space launch. Again we use **Oxford First Book of Space** (Andrew Langley, OUP ISBN 0199109818) which illustrates the Solar System. In the final block of sessions, a raft of different art techniques are used as children produce their own planetary Solar System.