

Literacy

- Whatever Next? Teatime in space. Aliens love underpants, Laura's Star
- Non – Fiction text on the solar system/planets/space
- Tim Peake photos from space book
- Designing posters to advertise planets
- Lists of items to pack and itineraries for space trip
- Outdoor reading rocket
- Descriptive words – textures
- What do we already know about space and what would we like to know?
- Letters from space – emphasise earth and solar system on address
- Obb and Bob – sorting real and alien words
- Wallace and Gromit – A grand Day Out

KUW

- Ordering planets (using mnemonic)
- Planet facts – hot/cold, wet/dry etc
- Moon Sand – making different planets – creating the surface of the moon
- Phases of the moon
- Earth's crust and core – compare to an orange, avocado and a plum
- Creating an alien – spark program, or crickweb
- Beebots as moon buggies – design and follow a route from space craft to specific points
- Making parachutes and 'landing' objects
- Milk and food dye experiment – creating UFOs
- Making space food - real and mud kitchen creations
- Watch moon landing – make footprints in moon sand using space boots (wellies)
- Day and Night – nocturnal animals
- What makes the Earth special – only planet with life

Maths

- Building rockets (towers) with the correct number of cubes (differentiated to 10, 20 or beyond 20)
- Countdown to blast off (numbered boxes order according to size)
- 5 little men in a flying saucer - subtraction (Moon Surface) Dropping objects into wet sand - what shape have we made? Which is biggest smallest shape? How could we measure?
- Using different sized balls to make a model of solar system
- 3D shapes – cones and cylinders to make rockets – sphere planets
- Weighing and measuring planets
- Weighing moon rocks
- Repeating patterns – space/planet theme
- Planet pairs – same numbers or number bonds to 10 (HAP)
- Which paper plane travels the furthest?
- Quantities and measuring – space themed food
- Addition/subtraction/doubles and halving with space theme links

Exploring Space! Reception Summer 1 Overview

EAD

- Design your own planet
- Build rockets/space packs (junk models)
- Holst – The Planet Suite
- Acting out the story – whatever next
- Constellation pictures
- Shadow pictures
- Designing an alien
- Gloopy paint space pictures
- Designing paper plane space shuttles
- Textured 'earth' pictures
- Papier mache moon
- Van Gogh – starry night

PD

- Building spacecraft from construction kits
- Healthy diets and exercise to keep astronauts fit. Effect of exercise on bodies
- Building moon buggies in outdoor construction area
- Throwing and catching balls (planets)
- Parachute games – link to landing of space vehicles

CLL

- Where would you go in a rocket? Why?
- Planning a space mission – what would you need to take with you?
- Fantasy small world – different planets, surfaces, features, characters
- Role play area – rocket and space station

PSED

- Healthy diets/exercise and sleep – keeping healthy like astronauts
- Moon walking – relying on team members to guide you with moon line
- Laura's Star – the importance of friendship
- Taking care of planet Earth