

## Blast Off! YEAR 2

<p><b>ART:</b> Sketch and use pastels to create their own alien.</p> <p>Keith Haring inspired picture by drawing bold figure outlines.</p>	<p><b>KEY QUESTIONS:</b> <b>Who were the first people to land on the moon?</b> <b>When was the first moon landing?</b> <b>How did they travel to the moon?</b> <b>How do we know about the first moon landing?</b> <b>What did they do during their visit to the moon?</b> <b>What happened after the moon landing?</b></p>	<p><b>HISTORY:</b> Create a timeline of pioneers included within this unit. Find out about key people within history including: Neil Armstrong/Buzz Aldrin. Find out what it was like for children during 1969. Can we interview anybody who was alive and can remember the moon landing? Research about the astronaut Tim Peake. Are there any female astronauts? Compare equipment and technology from space missions in the past to recent. How might the space race continue – what will space ships of the future be like?</p>	<p><b>History Targets - A Year 2 Historian</b></p> <ul style="list-style-type: none"> <li>I can use words and phrases like: before, after, past, present, then and now.</li> <li>I can recount the life of someone famous from Britain who lived in the past. I can explain what they did earlier and what they did later.</li> <li>I can give examples of things that were different when my grandparents were children.</li> <li>I can find out things about the past by talking to an older person.</li> <li>I can answer questions using books and the internet.</li> <li>I can research the life of a famous person from the past using different sources of evidence.</li> </ul> <p><b>Geography Targets - A Year 2 Geographer</b></p> <ul style="list-style-type: none"> <li>I can say what I like and do not like about the place I live in.</li> <li>I can say what I like and do not like about a different place.</li> <li>I can describe a place outside Europe using geographical words.</li> <li>I can describe some of the features of an island.</li> <li>I can describe the key features of a place from a picture using words like beach, coast, forest, hill, mountain, ocean, valley.</li> <li>I can explain how jobs may be different in other locations.</li> <li>I can explain how an area has been spoilt or improved and give my reasons.</li> <li>I can explain the facilities that a village, town and city may need and give reasons.</li> <li>I can name the continents of the world and locate them on a map.</li> <li>I can name the world oceans and locate them on a map.</li> <li>I can name the capital cities of England, Wales, Scotland and Ireland.</li> <li>I can find where I live on a map of the United Kingdom.</li> </ul> <p><b>ESSENTIAL KNOWLEDGE</b></p> <ul style="list-style-type: none"> <li>Recognise and explain when the first moon landing was</li> <li>Identify differences between technology on a space rocket now and in the past.</li> <li>Compare two missions to space in past and present.</li> <li>Compare pictures documenting the moon landing.</li> <li>Discuss reliability of pictures/ accounts/stories. (Perception and judgement)</li> <li>Use a source – observe or handle sources to answer questions about space food.</li> <li>Ask perceptive questions to form a line of enquiry.</li> <li>Can orally retell the moon landing in the correct order and write captions to accompany sequenced pictures.</li> </ul>
<p><b>DESIGN TECHNOLOGY:</b> Design and make a model of transport that the aliens could travel in on their planet.</p> <p>Design and make space smoothies.</p> <p>Design and make their own moon biscuits-how can we make them look like the surface of the moon?</p> <p>Make an air rocket that can actually fly.</p>	<p><b>GEOGRAPHY:</b> Research where famous astronauts live. Aerial views of the world from space using Google Earth. Locate the continent America and other continents. Label the seas and oceans. Label where the British astronaut Tim Peake lives. Label British Isles.</p>	<p><b>ENGLISH:</b> Write in role as an astronaut. Information texts based on space and moon landings. Recount of a space mission. Labelling an alien/a rocket-information about their alien or the rocket. Read 'Aliens love underpants' sequence and retell as a narrative. Alien poems to read. Read Aliens saved the world and Here come the Aliens. Postcards from the alien's planet. Instructions to make air rockets.</p>	
<p><b>ADDITIONAL LINKS</b></p> <p><b>Global Learning:</b> space travel around the world.</p> <p><b>Citizenship:</b></p> <p><b>ICT/Computing:</b> Create a picture to design an alien using graphics package. Use beebot to navigate around the craters and mountains on the moon.</p>	<p><b>Maths:</b> Compare and order dates. Use data about planets to draw graphs and tables. Use all four operations to solve problems involved with buying and selling souvenirs at a space museum. Measure length of a range of underpants. Accurately measuring when building transport for the alien to travel in on his planet. Collect and sort alien data. Space race tally charts and bar graphs. Solar system code breaking. Space themed addition/subtraction. Measuring and weighing out ingredients for space smoothies/moon biscuits.</p>		

<p><b>Homework/Independent Learning:</b></p> <ol style="list-style-type: none"> <li>1. English- English-book review. Go to the library and read a new book about space and write a book review on it.</li> <li>2. Maths- name the 2D shapes and their properties used to make your rocket</li> <li>3. Science- materials needed for a space suit and properties</li> <li>4. DT- make a 2D collage of 2D shapes and create a space rocket</li> <li>5. Art- sketch/paint a funny looking alien</li> <li>6. Geography- use a world map and locate countries with space travel</li> </ol> <p><b>Music:</b> create a piece of space themed music.</p> <p><b>PE:</b> pretend to be Helen Sharman or Neil Armstrong as they blast off in a rocket, bounce around the moon and splash down in the sea. Drive a lunar rover over the moon. Gymnastics-stand alone unit.</p>	<p>Time/ordering events e.g. 24 hours in 1 day, 60 mins in 1 hour.</p>		
<p><b>Science:</b> Investigate materials used for astronaut's suits – what properties do they need to have? Investigate conditions needed to grow plants – can we grow food in space? Can plants survive on the moon? What do they need to survive?</p>	<p><b>VISITS:</b> -possible science dome experience</p>		