

How Can I Change the World?
Year 1 Autumn 2 Topic Plan

<p style="text-align: center;">WOW Starter</p> <p>Pilot day</p>	<p style="text-align: center;">Key Questions</p> <p>How did people try to fly when there were no aeroplanes? What are the key events that have happened in history regarding flight? Who invented the aeroplane?</p>		<p style="text-align: center;">DT</p> <p>Design and make a kite</p> <p><i>VOCAB: Design, explore, joining, ideas, combining, testing, cut, shape, measure, template, pulling, pushing, split-pin, card, background, outline, quality, line</i></p>
<p style="text-align: center;">Visits</p> <p>Pilot day</p>	<p>Who were the Wright brothers? Who was Amy Johnson? What comparisons can be made between Amy Johnson and Helen Sharman? How has air flight contributed to the progress made in space travel? How have aeroplanes changed the world? How have people who have flown certain aircrafts helped change the world?</p>		
<p style="text-align: center;">History</p> <p>Discuss the life of the Wright brothers and explain how they came to invent the world's first aeroplane.</p> <p>Retell the life of Amy Johnson, a famous British female pilot.</p>	<p style="text-align: center;">History Targets - A Year 1 Historian</p> <p>I can use words and phrases like: old, new and a long time ago.</p> <p>I can recognise that some objects belonged to the past.</p> <p>I can explain how I have changed since I was born.</p>	<p style="text-align: center;">Geography</p> <p>Identify where Amy Johnson began her journey (London) and discuss the continents she crossed to get to Australia.</p> <p>Identify London as the capital city of England.</p>	<p style="text-align: center;">Geography Targets - A Year 1 Geographer</p> <p>I can keep a weather chart and answer questions about the weather.</p> <p>I can explain where I live and tell someone my address.</p> <p>I can explain some of the main things that are in hot and cold places.</p>

<p>Put together a timeline of key historical events in flight from the creation of hot air balloons to space shuttles.</p> <p><i>VOcab: today, long ago, the past, old, date, then and now, Britain, before, after, later, photograph, picture</i></p>	<p>I can explain how some people have helped us to have better lives.</p> <p>I can ask and answer questions about old and new objects.</p> <p>I can spot old and new things in a picture.</p> <p>I can explain what an object from the past might have been used for.</p>	<p>Identify the other capital cities of the UK and each of its four countries.</p> <p>Identify on a map key airports in the UK and which country they belong to.</p> <p>Identify which key towns and cities are near important airports in the UK.</p> <p><i>VOcab: world, continents, ocean, sea, United Kingdom, England, Wales, Scotland, Northern Ireland, map, atlas, countries, coast, town, physical features, human features, village, house, capital city, Australia, Asia, Africa, North and South America, Antarctica</i></p>	<p>I can explain the clothes that I would wear in hot and cold places.</p> <p>I can explain how the weather changes throughout the year and name the seasons.</p> <p>I can name the four countries in the United Kingdom and locate them on a map.</p> <p>I can name some of the main towns and cities in the United Kingdom.</p>
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Essential Knowledge

- Recognise and explain who Amy Johnson and the Wright brothers were.
- Identify similarities and differences between Amy Johnson (flight) and Helen Sharman (space).
- Discuss the importance of resilience as a key attribute to being able to 'change the world'.
- Compare pictures of planes flown from when they were first invented to modern day carriers.

Ask questions to form a line of enquiry.
 Name a variety of animals that can fly and glide.
 Discuss materials that might make flight easier or harder.

English	Maths	Science	Additional Links
<p>Information report on the Wright Brothers</p> <p>Biography on Amy Johnson</p> <p>Descriptions of scenes from The Darkest Dark book</p> <p>Write instructions on what you do in an airport using the book A Day in the Airport</p> <p>Write a Christmas story on how The Snowman flies through the skies</p>	<p>Identify different shapes to create a kite and identify which ones work best.</p> <p>Create a timeline of flight events using the words, before, after, then.</p> <p>Measurement outdoor lesson on the playground looking at length and width of a plane.</p> <p>Measure how far paper aeroplanes can fly.</p>	<p>Materials - what materials either help or hinder flight? Investigate different materials to make a kite with. What materials work better? What questions do we need to ask to make a durable kite that will be flown outside? Think about key properties (e.g. waterproof)</p> <p><i>VOCAB:</i> <i>materials, properties, plastic, glass, metal, rock, uses, objects, waterproof, absorbent, strength, paper, elastic, natural, man-made, shiny, dull, smooth, rough, stretchy, stiff, opaque, transparent, hard, soft</i></p>	<p>Global Learning: exploration of the world and growth of aviation</p> <p>Citizenship: injustices faced by women in the past</p> <p>ICT/Computing: online safety, grouping and sorting, pictograms</p> <p>Homework/Independent Learning: English - Write a letter to a pilot explaining where you would like to fly to and asking them questions about their job. Maths - Create a paper aeroplane at home and measure how far it flies. Is there anything you can do to improve how far it flies?</p>

		<p>Animals - what animals can fly? Investigate which animals can fly and what makes them able to. Research different animal groups. <i>VOCAB:</i> <i>birds, fish, amphibian, reptile, mammal, bone, swim, fly, feathers, wings, scales, fur, skin, pet</i></p>	<p>What did you do to improve it? Science - Investigate how birds fly and create a poster to show the key information you have found. Be as creative as you want! Geography - using a map of the world, identify where Amy Johnson began and ended her journey. What continents did she cross? . History/Art - draw or paint a picture of the first aeroplane invented by the Wright brothers DT - create a model helicopter using toilet roll, cardboard and anything you can find around your house! Music: taught stand alone. PE: Dance</p>
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