



Portfields Primary School Medium Term Plan





Year Group – 1

Subject – History

Topic – Great Inventions – The First Flight

Term - Summer 1

| Rising Stars POS Statement | Key Questions | | Substantive Knowledge | Key Vocabulary | Real-Life Links |
|---|---|--|--|---|--|
| 1.3.1 Identify similarities and differences between ways of life in different periods/times. 1.4.1 Choose and use parts of stories and other sources to show that they know and understand key features of events related to their cause and effect. 1.5.1 Understand some of the ways in which they can find out about the past and identify different ways it is represented. 1.1.1 Study knowledge of and can recall key information and characteristic features of historical periods. | How have planes evolved throughout history? How have trains evolved throughout history? What impact did the invention of vehicles other than cars have on people? How can we find out about inventions throughout history? | | I know how planes and trains have changed throughout history. | Same Different Before After Past Now Timeline Year Key Events | - Have pupils ever been on a plane or train? Where did it go? Did they travel far? What amenities were on the vehicles? - What have the pupils done when they were younger that has had a big impact on their life? E.g. learning to read, ride a bike |
| | Technical Questions | | I can explain why the invention of aeroplanes and passenger trains is significant. | | |
| | Who was responsible for the first successful powered flight and when did it happen? <i>Orville and Wilbur Wright, in 1903, in North Carolina. The Flyer was the first aeroplane to fly with an engine that had a propeller and was controlled by the pilot. It flew for 12 seconds. By 1905, the plane could travel 25 miles.</i> | What is the two main purpose of an aeroplane? <i>For trade; to allow people who don't have certain items in one country to trade for them. And for leisure; so people can fly away and go on holiday.</i> | I can explain what the Rainhill Trials were and what they led to. | | |
| | Had humans created devices to lift them off the ground before this? <i>Yes, hot air balloons had been flown, but these were blown by the wind which made them hard to control.</i> | What were the Rainhill Trials? <i>In 1829, a competition was held to find an engine for the first passenger railway travelling between Liverpool and Manchester. Ten engines entered the competition, but only five arrived tot ake part on the day. Only one engine – the Rocket, made by George Stephenson – finished the course with no problems.</i> | I can understand and explain how the impact of actions in history can still be seen today. | | |
| What is the difference between early aeroplanes and planes today? <i>Pupils may make reference to: the cost to make them, the distance which they can fly, the height which they can fly, the number of passengers, the materials that planes were made from, where the pilot sat and so on.</i> | | Why are the Rainhill Trials such an important event in history? <i>It led to the first passenger railways being created. Railways are better because there is less congestion, pollution and noise in towns, etc.</i> | I can compare & contrast an item from history and an item from the modern day. | Technical Vocabulary | Key Figures/Time Periods |
| | | | | Inventor Invented Flight Century Eyewitness account Modern Cockpit Engine Impact Trade Leisure | The Wright Brothers - Invented the first plane in 1903. <u>George Stephenson</u> - Created the first passenger engine (Rocket) and won the Rainhill Trials. <u>Louis Bleriot</u> - Completed the first flight across the English Channel in 1909. |
| Lesson Breakdown | | | | | |
| Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | |
| Flashback Four | Flashback Four | Flashback Four | Flashback Four | Flashback Four | |
| <u>Last Lesson</u> Who is Sunita Williams? <i>An astronaut who first went into space in 2006.</i> <u>Last Topic</u> What is an explorer? <i>An explorer is someone who first discovers a new area.</i> <u>Last Year</u> What does the word 'change' mean? <i>When something becomes different to what it originally ways, like how the weather can change from sunny to rainy.</i> <u>Last Key Stage</u> N/A | <u>Last Lesson</u> Who created the first aeroplane in 1903? <i>The Wright Brothers.</i> <u>Last Topic</u> Why are people not sure if Ibn Battuta is telling the truth about his exploration? <i>He didn't make any notes whilst exploring.</i> <u>Last Year</u> Can you name something that has changed in your life e.g. you have changed from Elm class to Oak class? <i>Answers may vary.</i> <u>Last Key Stage</u> N/A | <u>Last Lesson</u> Name one difference between the Wright Brothers's Flyer and aeroplanes today. <i>Pupils may state: The Wright Brothers's Flyer had an engine propeller/It was made from wood. Modern aeroplanes have engines, no propellers and are made from metal and plastic.</i> <u>Last Topic</u> What did Captain Cook discover? <i>The west coast of Australia.</i> <u>Last Year</u> Can you put these events in order of how your <u>adult at home</u> lived through them: 1. Went to school. 2. Had their 29th birthday. 3. Brought you into their family. <i>Answers may vary.</i> <u>Last Key Stage</u> N/A | <u>Last Lesson</u> Can you name the 4 ways that aeroplanes are used today? <i>Travel, transporting food, trade and warfare.</i> <u>Last Topic</u> Out of Amundsen and Scott, which explorer got to the south pole first? Why? <i>Amundsen got there first because he had already done lots of exploring in the cold and knew what to do to stay safe.</i> <u>Last Year</u> Can you name a famous person from history? <i>Pupils may mention figures from any EYFS learning area e.g. Jesus, famous soldiers from Remembrance Day.</i> <u>Last Key Stage</u> N/A | <u>Last Lesson</u> What were the Rainhill Trials? <i>An 1829 competition to find an engine for the passenger railway.</i> <u>Last Topic</u> What space-related record did explorer Sunita Williams previously hold? <i>She has previously held the record for the largest number of spacewalks undertaken.</i> <u>Last Year</u> <div></div> Order these images of Christmas from oldest to most up-to-date. <u>Last Key Stage</u> N/A | |

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| <p><u>Learning Objective</u> LO to know why and understand why the Wright brothers wanted to fly, and be able to recount the main events in the story.</p> <p><u>Success Criteria</u></p> <ul style="list-style-type: none"> - I can retell the story of the first flight. - I can explain why the Wright brothers may have wanted to fly. - I know about some of the sources of evidence we can use to find out about the first flight. <p><u>Star Knowledge</u> Before planes were made, hot air balloons were used to fly but they were hard to control because of the wind. The Wright Brothers first created a kite which could carry a person in 1899 and then created the first aeroplane in 1903.</p> | <p><u>Learning Objective</u> To know what early aeroplanes were like, and be able to compare them to modern aircrafts.</p> <p><u>Success Criteria</u></p> <ul style="list-style-type: none"> - I can describe some key features of the Wright's Flyer. - I can identify similarities between a modern aeroplane and the Flyer. - I can identify differences between a modern aeroplane and the Flyer. <p><u>Star Knowledge</u> The Wright Brothers's Flyer had an engine and propeller, and it was made from wood. Modern aeroplanes have engines, but no propellers, and are made from metal and plastics.</p> | <p><u>Learning Objective</u> To understand the importance of the aeroplane.</p> <p><u>Success Criteria</u></p> <ul style="list-style-type: none"> - I can identify the role that an aeroplane plays today. - I can describe how these tasks were carried out before the aeroplane was invented. - I understand how aeroplanes are today and why changes had to be made. <p><u>Star Knowledge</u> Aeroplanes are important in the present day for travel, transporting food, trade and warfare.</p> | <p><u>Learning Objective</u> To know what happened at the Rainhill Trials.</p> <p><u>Success Criteria</u></p> <ul style="list-style-type: none"> - I know when and why the Rainhill Trials happened. - I know about some of the key events of the Rainhill Trials. - I can use sources to find out information about the Rainhill Trials. <p><u>Star Knowledge</u> In 1829, the Rainhill Trials were held as a competition to find an engine for the first passenger railway. Only one locomotive finished the course with no problems and once £500 (£45000 in today's money).</p> | <p><u>Learning Objective</u> To understand why the Rainhill Trials was an important event in railway history.</p> <p><u>Success Criteria</u></p> <ul style="list-style-type: none"> - I can identify some of the roles that trains play today. - I can describe how these roles were undertaken before the steam engine was invented. - I understand the significance of the Rainhill Trials. <p><u>Star Knowledge</u> The main purpose of a train today is to transport goods for selling quickly. Before the Rainhill Trials and the invention of the steam engine, goods had to be transported by other slower means, like horse and carriage.</p> |
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If, after completing the orange paper assessment, you find a large amount of your pupils lack understanding of one particular star knowledge, you should adapt the flashback four questions for "Last Topic" in the next topic, in order to give you time to re-visit this. Please speak to the subject lead to discuss how to do this before editing the questions.