

The Dales School – Upper School – Medium Term Plan

Class: Bamburgh

Term: Autumn

Theme/big idea: Aviation

Key questions: What can defy gravity? What is Gravity? Is magic real? How can we fly? How do creatures fly?

Vocabulary: Gravity, Flight, Aviation, Magicians, Levitation, Gliding, aerodynamic, thrust, lift, resistance/drag, suspend, elevation.

Visits/Visitors: Airport trip, Museum of Flight (Washington), RAF visit/visitor, Bird of Prey Centre.

Learning outside the classroom: Paper aeroplanes,

Family Learning: Home learning grid, Magic show.

Subject Areas Colour Codes: English Mathematics Science Humanities THRIVE SMSC STEAM Art/CDT ICT
P.E Languages

	National Curriculum Statements/ Learning Objectives	Resources
Week 1 - 3/9/18 POR - Session		
Week 2 - 10/9/18 POR - Session 1 & 2	<p>Reading: Predict what might happen on the basis of what has been read. Ask & Answer questions. Discuss the significance of the title and events.</p> <p>Writing: Draft and write by composing and rehearsing sentences orally.</p> <p>S&L: Use relevant questions.</p> <p>Statistics: Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling & comparing categorical data.</p> <p>A History of Aviation: How can we fly like birds? (Icarus) How do kites fly? What is too risky? Is it okay to fail?</p>	
Week 4 - 24/9/18 POR: Session 3 & 4	<p>Reading: Explain understanding of what is read. Express views about reading.</p> <p>Writing: Write for different purposes including about fictional personal experiences and fictional narratives.</p> <p>S&L: Use spoken language to develop understanding through imagining and exploring ideas in discussion, roleplay and drama.</p> <p>Geometry: Order and arrange combinations of mathematical objects in patterns and sequences. Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn in terms of right angles for quarter, half and three-quarter turns (clockwise/anti clockwise)</p>	

	<p>A History of Aviation: Did Da Vinci invent flying machines? Would Da Vinci's Flying Machines work today? Can you draw your own flying machine?</p>	
<p>Week 5 - 1/10/18 POR: Session 5 & 6</p>	<p>Reading: Draw inferences on the basis of what is being said and done. Writing: Write for different purposes including about fictional personal experiences and fictional narratives. Read writing aloud with appropriate intonation to make the meaning clear. S&L: Participate in discussion about what is read, taking turns and listening to what others say. Measurement: recognise and use symbols for £ & p; combine amounts to make a particular value. Find different combinations of coins that equal the same amount of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. History of Aviation: How do gliders fly? What is the difference between gliding and flying? Can you build a model glider?</p>	
<p>Week 6 - 8/10/18 POR: Session 7, 8, 9 & 10</p>	<p>Reading: Increase familiarity of a range of books at a level beyond that which they can read. Writing: Write for different purposes including about fictional personal experiences and fictional narratives. S&L: Listening & respond appropriately to adults and peers. Geometry: Identify and describe the properties of 2d shapes, including the number of sides and line symmetry in a vertical line. Identify and describe the properties of 3d shapes, including the number of edges, vertices and faces. Identify 2d shapes on the surface of 3d shapes. Compare and sort common 2d and 3d shapes and everyday objects. History of Aviation: Why did so many people fail to create a flying machine? Why were the Wright Bros successful? What are the characteristics of successful people?</p>	
<p>Week 7 - 15/10/18 POR: Session 11 & 12</p>	<p>Reading: Express views about reading. Discuss the sequences of events in a book. Writing: Draft and write by composing and rehearsing sentences orally.</p>	

	<p>S&L: Use spoken language to develop understanding through imagining and exploring ideas in discussion, roleplay and drama.</p> <p>Geometry: Identify and describe the properties of 2d shapes, including the number of sides and line symmetry in a vertical line. Identify and describe the properties of 3d shapes, including the number of edges, vertices and faces. Identify 2d shapes on the surface of 3d shapes. Compare and sort common 2d and 3d shapes and everyday objects.</p> <p>History of Aviation: How does a jet engine work? Who was Amelia Earhart? Can anyone reach their goals and ambitions?</p>	
<p>Week 8 - 22/10/18 POR: Session 13, 14 & 15</p>	<p>Reading: Explain understanding of what has been read. Discuss the sequences of events in a book.</p> <p>Writing: Draft and write by composing and rehearsing sentences orally. Draft and write by composing and rehearsing sentences orally. Read writing aloud with appropriate intonation to make the meaning clear.</p> <p>S&L: Participate in discussion about what is read, taking turns and listening to what others are saying.</p> <p>Measurement: Compare and sequence intervals of time. Tell and write the time to 5 minutes including quarter past/to the hour and draw the hands on a clock face to show these times.</p> <p>History of Aviation: How easy is it to fly now? How do you think people might fly in the future?</p> <p>To learn greetings in a range of different languages.</p>	