

## Wider Curriculum Planning Spring 1



**Theme: Heroes and Villains**

**Subjects: Science, D&T, Geography and Music**

		Year 5 & Year 6 Science				
NC Objective	Consolidation week	To explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object	To identify the effects of <u>air resistance</u> that acts between moving surfaces	To identify the effects of <u>water resistance</u> that acts between moving surfaces	To identify the effects of <u>friction</u> that acts between moving surfaces	To recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.
Question	<p><b>What is a force?</b></p> <p><b>What do we already know?</b></p>	<p>To explore the effect that gravity has on objects and how the first theory of gravity was developed.</p> <p><b>Why do objects fall to the floor when you drop them?</b> (Including Isaac Newton)</p>	<p>To identify the effects of air resistance by identifying forces acting on objects.</p> <p><b>What forces act on moving objects?</b></p> <p><b>Why do parachutes work?</b> (Galileo)</p>	<p>To identify the effects of water resistance by identifying forces acting on objects.</p> <p><b>What forces act on moving objects?</b></p> <p><b>How does streamlining a boat change its ability to move through water?</b></p>	<p><b>How do brakes on a bike work?</b></p> <p><b>What is the best surface for a race track?</b></p>	<p><b>How can you move a giant rock?</b></p> <p>Could you consider using a pulley, lever or gear to help?</p>

Year 5 & 6 Art					
NC Objective	Learn about great artists. (Banksy)	Look at a Banksy image and discuss the meaning behind it. Draw a similar image in the style of Banksy.	To improve their mastery of art and design techniques, including drawing, painting with a range of materials	Look at another image and use techniques from previous week.	
Question	<b>Is there a difference between art and graffiti?</b>	<b>Can you re-create an image in the style of Banksy?</b>	<b>Can you create a range of shades with just a pencil?</b>		<b>Where and why would you place a piece of art?</b>

Year 5 and 6 History					
NC Objective	Consolidation week	To learn about a significant turning point in British History.	Construct informed responses that involve thoughtful selection of historical information.	Construct informed responses that involve thoughtful selection of historical information.	Construct informed responses that involve thoughtful selection of historical information.
Question	<b>What do we know about WW2?</b>	<b>What caused the outbreak of WW2? Who were Neville Chamberlaine and Adolf Hitler?</b>	<b>Why were 'rations' in place?</b>	<b>What was it like for children in WW2?</b>	<b>What was the Holocaust?</b> (link to reading last term-striped PJ)

Year 5 and 6 Music					
NC Objective	Develop an understanding of the history of music	Develop an understanding of the history of music	Develop an understanding of the history of music  To use ICT to record and manipulate music	To use ICT to record and manipulate music	To use ICT to record and manipulate music
Question	Can music be placed on a timeline?	Where do famous musical composers fit into our timeline?	Can I compose a piece of music to represent a period of time thinking about great musicians from throughout history?	Is it possible to layer music from other time periods? (recording and using computers to manipulate?) x 2	Is it possible to layer music from other time periods? (recording and using computers to manipulate?) x 2