
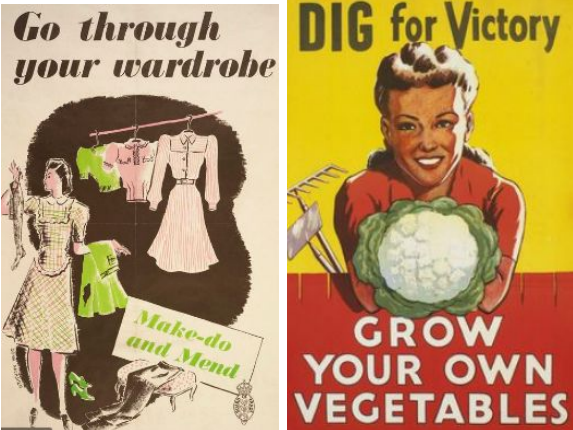


	Learning objective	Main teaching	Activity	Resources	Vocabulary												
Science	To investigate the effects of air resistance on flying objects	Today we are learning about another force: air resistance. Watch this video to find out a little bit about air resistance: https://www.bbc.co.uk/bitesize/clips/zsjd7ty In one part, it says ‘objects with a larger surface area experience greater resistance - that’s why we use parachutes’. Have a go at explaining what this means. Now look at the air resistance Powerpoint.	Try to build some of the planes in the paper plane document. You can print and fold along the lines or just try to follow the design with a plain piece of paper. Complete the table in your writing book: <table><tr><th>Plane</th><th>Picture of plane</th><th>Explain how well it flew</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> If you were to compete in a paper aeroplane flying competition, how would you design your plane? What features would it have? How would the wings look? What would the nose look like?	Plane	Picture of plane	Explain how well it flew										Video link Air resistance Powerpoint Paper plane document Paper Pencil Ruler	Air resistance Surface area Friction Plane Aerodynamic Greater Less Design
			Plane	Picture of plane	Explain how well it flew												

<p>History / Geography</p>	<p>LO to show empathy for those in the past</p>	<p>Rationing: Watch the video: https://www.bbc.co.uk/teach/class-clips-video/history-ks2-rationing-in-the-uk/zbgbv9g</p>  <p><i>Make do and mend! Dig for Victory!</i></p>	<p>Imagine having to cook food for your family during the times of rationing.</p> <p>Look at this website and find out how much of each food you were allowed.</p> <p><u>IF you've asked an adult at home</u>, and you're allowed to: Measure out some of the amounts of food (e.g. sugar, eggs, butter etc). Can you imagine having this small amount each week?</p> <p>Look at the posters:</p> <ol style="list-style-type: none"> 1. Make do and mend 2. Dig for victory <div data-bbox="1189 647 1760 1078">  </div> <p>What do you think these told the people of Britain?</p> <p>Design your own poster: it could be about rationing, growing your own vegetables or mending your own clothes.</p>	<p>Video link</p> <p>Posters</p> <p>Scales and food (if you're allowed)</p> <p>Paper</p> <p>Pencils</p> <p>Coloured pencils</p>	<p>Rationing</p> <p>Ration book</p> <p>Victory</p> <p>Home Front</p> <p>Restrictions</p> <p>Britain</p>
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<p>Art / Design Technology</p>	<p>LO to use knowledge of forces in my design</p>	<p>This week we learnt about air resistance in Science. We have also learnt about friction and gravity.</p> <p>Today you will design and build your own plane.</p> <p>First, look back at all of the Science work you have done since Christmas (particularly this week's lesson).</p>	<p>You've designed your own plane in English, now you're going to BUILD IT!</p> <p>Design your plane on paper first. What have you got at home that you could use to build your plane? (The recycling bin is always a good place to start...!)</p> <p>Once you're happy with your design, and you've considered your Science learning (air resistance/gravity/friction), you can build your plane.</p> <p>Consider the following:</p> <ul style="list-style-type: none"> • Do you want it to be heavy or light? • How will the wings be shaped? • How will air pass smoothly over the body of the plane? • How will you make sure it holds itself in the sky? • How will your plane keep itself level in the sky? 	<p>Science work from previous weeks</p> <p>Plain paper</p> <p>Pencils</p> <p>Ruler</p> <p>Resources to build a plane</p>	<p>Air resistance</p> <p>friction</p> <p>Gravity</p> <p>Aerodynamic</p> <p>Shape</p> <p>Structure</p> <p>Design</p> <p>Fix/attach</p>
<p>French</p>	<p>LO to use adjectives in sentences to describe</p>	<p>Last week we used sentences to describe sports.</p> <p>Today you will be learning how to use adjectives to describe and how to put together whole sentences.</p>	<p>Watch the video and complete the activities you are asked to do.</p> <p>https://classroom.thenational.academy/lessons/describing-someone-elses-size-and-colour-69hkac</p> <p>Afterwards, you can do the quiz to see how much you've remembered.</p>	<p>Video link</p> <p>Paper</p> <p>Pencil</p>	<p>Etre</p> <p>Avoir</p> <p>Verbs</p> <p>Adjectives</p>
<p>PE</p>	<p>LO: to increase my heart rate through aerobic exercise</p>	<p>Premier Sports have put together a timetable for PE lessons, including: a mindfulness/wellbeing session in the morning, a fitness session at lunch time and then a skill acquisition challenge at the end of the day</p> <p>The timetable document is on the website.</p>			

RE	LO To understand the bible can be interpreted differently.	<p><u>First, read and understand this information:</u></p> <p>Luke writes about an officer in the Roman army and how his faith in Jesus led to the healing of a simple servant. It is a story about healing, about faith, and about the importance of caring for those around us. A centurion was a professional officer in the Roman army who commanded a “century” of between sixty and one hundred men. The position carried much responsibility and could prove hazardous in battle. Among the benefits of this prominent position was the luxury of living with one’s family and household staff in the garrison. It is here where we meet our Roman centurion. The centurion had a servant whom he was concerned about. With all of the responsibilities the centurion carried, clearly this was a gentle and caring man. He has heard of Jesus’ healing power and knew that this was the one person who could help his servant. A Jewish elder is sent on his behalf to plead for Jesus to come to the garrison.</p> <p>Find Luke 7:1-10 in a Bible or read the passage below this plan.</p>	<p>What do Christians learn from this Bible story? How could this help them to live their lives?</p> <p>Activity - choose either:</p> <ol style="list-style-type: none"> 1. To draw a picture (and colour it in) showing what happens in the Bible story 2. Use lego or other toys to act out the story and video it. You can create your own movie to help others to understand the meaning behind the story. 	<p>Bible or story from below</p> <p>Paper</p> <p>Pencils</p> <p>Resources to draw and colour</p> <p>OR</p> <p>Resources to create a movie</p>	<p>Centurion</p> <p>Interpreted</p> <p>Servant</p> <p>Officer</p> <p>Jesus</p> <p>Responsibilities</p> <p>Heal</p>
Computing / PSHE	L.O. to be able to explain how I should keep safe online	<p>ONLINE SAFETY</p> <p>Visit this website: https://www.thinkuknow.co.uk/8_10/watch/</p> <p>There are lots of videos and games you can play and look at to learn about keeping yourself safe.</p> <p>Click on the yellow ‘stay safe’ button at the top and look at each section on that page.</p>	<p>Discuss with an adult at home how you will keep yourself safe online.</p> <p>What have you learnt? Did anything shock/surprise/scare you today? Have you seen anything you were not happy about? What would you do if you did come across something inappropriate? Who can you talk to about using the internet safely?</p>	<p>Link to website</p> <p>A grown-up to talk to</p> <p>Paper</p> <p>Pencils</p>	<p>CEOP</p> <p>Safety</p> <p>Inappropriate</p> <p>Trust</p>

Luke 7:1-10 NIV The Faith of the Centurion

7 When Jesus had finished saying all this to the people who were listening, he entered Capernaum. 2 There a centurion's servant, whom his master valued highly, was sick and about to die. 3 The centurion heard of Jesus and sent some elders of the Jews to him, asking him to come and heal his servant. 4 When they came to Jesus, they pleaded earnestly with him, "This man deserves to have you do this, 5 because he loves our nation and has built our synagogue." 6 So Jesus went with them.

He was not far from the house when the centurion sent friends to say to him: "Lord, don't trouble yourself, for I do not deserve to have you come under my roof. 7 That is why I did not even consider myself worthy to come to you. But say the word, and my servant will be healed. 8 For I myself am a man under authority, with soldiers under me. I tell this one, 'Go,' and he goes; and that one, 'Come,' and he comes. I say to my servant, 'Do this,' and he does it."

9 When Jesus heard this, he was amazed at him, and turning to the crowd following him, he said, "I tell you, I have not found such great faith even in Israel." 10 Then the men who had been sent returned to the house and found the servant well.