



Year 5 Chilli Challenges

Topics include Science (Forces in Action), Music, RE (Learned and Wise), Food Technology



For the children who have keyboard, cello or violin lessons at school you need to continue practising EVERYDAY for about 15 minutes.	Create your own parachutes out of different materials. Make your experiment a fair test. Which material was the best and why do you think this?		Create your own virtue tree like the one above. Attach all the virtues that we follow in school onto it. Each time you or your family members show one of these virtues, add it to your tree. By the time lockdown has ended, you will be reminded of all the times you have shown these virtues.	Make detailed evaluations about existing products and his/her own considering the views of others to improve his/her work
Research a famous artist and create a double page spread about them. Choose your favourite song and figure out how pulse, rhythm and pitch work together	<p>Which of these statements do you agree with? Why? Which is most scientific? Can you improve any of the statements?</p> 	Find 3 stories in the Bible that show the virtues Learned and Wise. Summaries each story briefly explaining how the characters in the story are showing these virtues. What can you take from these stories?	Use his/her research into existing products and his/her market research to inform the design of his/her own innovative product - make the product	
Create a musical instrument out of items you have at home!	Plan your own experiment to find out how the friction between an object and a surface differs when the surfaces are different. Carry it out using the relevant equipment. EXTEND - Can you present your results as a bar graph?	Our virtues for this half term are learned and wise. What does Learned and Wise mean to you? Create an A4 poster.	Understand how a variety of ingredients are grown, reared, caught and processed to make them safe and tasty to eat. The journey of the cocoa bean might be an interesting project!	

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Listen with attention to detail and recall sounds with increasing aural memory - what instruments can you hear? What pattern does a song follow? E.g verse, chorus, verse, chorus	Research the lives and work of Galileo Galilei and Isaac Newton, with particular reference to their contribution to our understanding of gravity.	Plan and deliver a collective worship for your family Gather > Listen > Respond > Going Forth	Understand the main food groups and the different nutrients that are important for health - use a paper plate to create your own eat-well plate. Use a variety of different materials to do this.
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