

Year 4 Summer 1 Topic Tasks

<p align="center">Science</p>	<p align="center">Sound Understanding Sound</p> <p>Watch the following video about sound: https://www.bbc.co.uk/teach/class-clips-video/music--science-ks2-what-is-sound/zbnmhbk</p> <p>Can you create sounds using objects around your house? Can you change the pitch or volume of these sounds? How?</p>	<p align="center">Sound Sound Mediums</p> <p>We've established sound needs a medium to travel through. Watch what happens when a medium is taken away. https://www.bbc.co.uk/bitesize/clips/z29c87h</p> <p>Your challenge is to see if you can sound proof a box/container containing a noise like an alarm on a phone.</p>	<p align="center">Sound Vibrations</p> <p>Based on your understanding of creating sounds through vibrations, can you create a musical instrument using household objects?</p> <p>Maybe different size elastic bands over a box? Rice in a bottle? A paper drum? What is vibrating to make your sound?</p>	<p align="center">Sound The Ear</p> <p>Work through the PowerPoint and familiarise yourself with all of the many parts that make up the ear and then see if you can label on the diagram.</p> <p>How do you think these parts all work together to allow us to hear sound? You might want to do some extra research before the next lesson.</p>	<p align="center">Sound How We Hear</p> <p>Watch the video in the PowerPoint on how we hear. Using your labelled diagram from last week are you able to write an explanation of how we hear? Try and be as scientific as possible by using all of the correct names for the different parts of the ear.</p>	<p align="center">Sound What have we learnt?</p> <p>Can you create an information poster all about sound? Think about what you have learnt and discovered.</p> <p>You could include:</p> <ul style="list-style-type: none"> - Vibrations - Sound Mediums - Parts of the ear - How we hear - Fun facts
<p align="center">Humanities</p>	<p align="center">Fairtrade What is Fairtrade?</p> <p>Think about the term Fairtrade, what do you think it means? Create a mind map of your ideas.</p> <p>Work through the PowerPoint adding to your original mind map with any new information. Have a go at completing the Fairtrade questions attached.</p>	<p align="center">Fairtrade Continents of the world</p> <p>How many continents make up the world? Can you name them? Work through the PowerPoint to find out some cool facts about the continents. You could do some extra research yourself.</p> <p>Can you label and colour the continents of the world.</p>	<p align="center">Fairtrade What is trade?</p> <p>Create a mind map of all of the different things people spend money on. Foods, cars, clothes etc. Do all of the items come from the UK? Things that don't have originate from the UK are bought from other countries – Trade. Using your mind map, research each of the items to see where they originate from.</p>	<p align="center">Fairtrade The Journey Of Chocolate</p> <p>What do you know about chocolate? Where does it come from? Chocolate is one of the largest Fairtrade products. Work through the 'Bean to Bar' PowerPoint. Can you design the packaging for a Fairtrade chocolate bar, decide how much it will sell for and how much you'll give each person whose contributed to its journey.</p>	<p align="center">Fairtrade Case Study - Ghana</p> <p>Ghana is one of the major producers of Fairtrade chocolate. We are going to do a case study on the country. Your task today is to gather as much information as possible about the country.</p> <ul style="list-style-type: none"> - Capital City/Population - Language/Currency - Place it on a map - Climate – Why good for cocoa? 	<p align="center">Fairtrade Case Study - Ghana</p> <p>Can you present all of the information that you have found out about Ghana and their Fairtrade products. This could be as...</p> <ul style="list-style-type: none"> - Poster - PowerPoint - Mood board - Mind map <p>Pack it with lots of pictures and information!</p>
<p align="center">Art & DT</p>	<p align="center">Art Printing</p> <p>What is printing? http://www.bbc.co.uk/education/clips/zs67ycw</p> <p>Research the following artists: - Andy Warhol - Rembrandt - Tenniel - Kathe Kollwitz</p> <p>Make some notes on your favourite pictures/prints and why.</p>	<p align="center">DT CAMS Mechanisms</p> <p>Look at the mechanisms that allow these toys to move. http://www.bbc.co.uk/education/clips/zvic87h</p> <p>Work through the PowerPoint and familiarise yourself with the term CAM.</p> <p>Your task is to create a mood board of moving toys that use CAMS.</p>	<p align="center">Art Printing</p> <p>Think about how different textured objects will create different patterns on your print. If you have painted you can text the pattern each object makes, you could use your hand, a chopped potato, tissue etc. If you don't have paint, experiment with the different pens and pencils, how do their textures change?</p>	<p align="center">DT CAMS Mechanisms</p> <p>Work through the PowerPoint which will help familiarise you with the different types of movements created by different CAMS.</p> <p>Complete the sheet to see if you can draw the motion that each of the different CAMS makes.</p>	<p align="center">Art Printing</p> <p>Look back at your research notes from lesson 1. What did you think of the work of Andy Warhol? Your task today is to try and create your own piece of art work in the style of Andy Warhol's Pop art. You may wish to do some further research to help shape your ideas.</p>	<p align="center">DT CAMS Mechanisms</p> <p>Using the design sheet and your knowledge of CAMS and how they work, you need to design your own moving toy. You might want to re-visit some of the previous PowerPoints to remind you of some of the movements you can create.</p>
<p align="center">Spanish</p>	<p align="center">Greetings 'Hello'</p> <p>https://www.linguascope.com/secure/students/elementary/html5/bin/main.php?language=spanish&activity=goodmorning</p>	<p align="center">Responses 'How are you?'</p> <p>https://www.linguascope.com/secure/students/elementary/html5/bin/main.php?language=spanish&activity=howareyou</p>	<p align="center">Fruits Naming Fruits</p> <p>https://www.linguascope.com/secure/students/beginner/topic.php?language=spanish&topic=fruit</p>	<p align="center">Vegetables Naming Vegetables</p> <p>https://www.linguascope.com/secure/students/beginner/topic.php?language=spanish&topic=vegetables</p>	<p align="center">Time Time Telling</p> <p>https://www.linguascope.com/secure/students/beginner/topic.php?language=spanish&topic=time</p>	<p align="center">Instruments Naming Instruments</p> <p>https://www.linguascope.com/secure/students/beginner/topic.php?language=spanish&topic=instruments</p>