



Year 4 Home Learning
Summer 1

<p><u>Science - Sound 1 - Ear defenders</u> Get a selection of materials and investigate which of them is best at blocking out noise. See sheet attached called 'Science Sound 1 instructions' Then design a pair of ear defenders using the best material for protecting our ears from loud noises.</p> <p>Finally, if you have the materials, make them.</p>	<p><u>Science - Sound 2 Ear Gongs</u> Follow the instructions to make an Ear gong. See sheet attached called 'Science Sound Ear Gongs' Take a photo if possible.</p> <p>When you have made it read all the information given about them and now use this to explain how a Doctor's stethoscope works.</p> 	<p><u>Science - Sound 3 Bottle orchestra</u> Watch the video https://explorify.wellcome.ac.uk/en/activities/whats-going-on/bottle-orchestra or https://www.youtube.com/watch?v=iFwtybB3R6Q and then try to recreate your own bottle orchestra you need identical glass bottles or jars. Fill each one with a different amount of water and hear the different notes. Can you use them to play a well-known tune?</p>	<p><u>Science - Sound 4 The Ear explained</u> Watch 'Operation Ouch Excellent Ears' (on YouTube). https://www.youtube.com/watch?v=uSZVmX5UW3M Make notes about what you learn from each part. Then use these to write an information text all about the ear. Choose your own subheadings e.g. earwax, how we hear, parts of the ear, travel sickness. Write a paragraph about each. Can you find out anything about how hearing aids work?</p>
<p><u>Diary Writing Roman Soldiers</u> Look at BBC Bitesize, What was life like in the Roman Army? https://www.bbc.co.uk/bitesize/topics/zwmpfg8/articles/zqbnfg8 Find out what life was like for a Roman Soldier. Would you have liked to have been one? Why? Why not? Now use this pretend you are a Roman Soldier. Write a diary entry for 5 different days. Include your information about your training, the equipment you are using, how you fought against others. You can use your imagination to include thoughts and feelings too.</p>	<p><u>Roman Shields</u> Have a look at the powerpoint about Roman Shields - or research them on the internet. Print or copy the shield template onto paper/card and decorate it with things that are important to you. Challenge yourself further.... Can you make it big enough to protect your whole body? Can you think of a way of making a handle to fix to the back?</p>	<p><u>Romulus and Remus</u> <u>Read the story</u> With an adult identify the 6 main parts of the story. Then choose one of these tasks:</p> <ol style="list-style-type: none"> 1. Draw a story board showing the main parts of the story. 2. Act it out with a willing volunteer 3. Write the story in your own words. 	<p><u>Historical Figures -Roman Emperors</u> The Emperors were the most famous rulers of Rome. Each one ruled in a different way. Choose 2 from the list - Find out more about HOW they ruled then decide which one was a better ruler. In writing explain who you think was the better ruler and WHY. Choose from Ner, Julius Caesar, Augustus, Claudius, Constantine, Hadrian, Caligula. Suggested source: https://www.dkfindout.com/uk/history/ancient-rome/roman-emperors/</p>

<p><u>Thank you letter to the Romans</u> Read about how the Romans changed Britain (document attached) or look at https://www.bbc.co.uk/bitesize/topics/zqtf34j/articles/z2dr4wx Write a thank you letter to the Romans for all of the things they invented. Make sure you mention each of the things they invented. Challenge yourself further and explain in your letter how those things are used in the world today e.g. roads, religion, language, towns.</p>	<p><u>Romans invade Britain</u> Using the BBC bitesize website (or other sources) find out about the Roman attempts to invade Britain by Roman Emperors Julius Caesar and then later by Claudius. Find out</p> <ul style="list-style-type: none"> • Why they wanted to invade, • When and how they attempted to invade • How successful they were. <p>Now choose one of these battles and either act it out <u>OR</u> write a description of the battle <u>OR</u> write a playscript to be performed by British and Roman soldiers.</p>	<p><u>Roman Soldier</u> Draw a Roman Soldier wearing all these things.</p> <ul style="list-style-type: none"> • Helmet • Armor • Shield • Javelin • Sword • Tunic • Sandals <p>Label them Challenge yourself and add information about why they wore them. Try to present your work neatly taking pride in how it looks.</p>	<p><u>Boudicca' life</u> Find out about the British legend Boudicca. Who was she? When did she live? What was she famous for?</p> <p>Challenge yourself further:</p> <ul style="list-style-type: none"> • Paint a portrait of her • Write a biography about her life • Write a newspaper report about one of her battles
<p><u>DT Build a Roman catapult</u> Roman armies built huge catapults to fire rocks over enemies walls. Can you design a catapult? Ideas: https://www.youtube.com/watch?v=ILLzBWGNh9A https://www.science-sparks.com/how-to-make-a-catapult/ If you have the materials, you could even build it. It will need to be able to launch your chosen 'rocks' when you let go.</p>	<p><u>Music</u> Our song to learn this term is 'Blackbird' by the Beatles. Listen to the song. Sing along if you can. Can you hear the birds singing in the background? Can you hear any birds singing outside your home? Can you identify them? https://www.woodlandtrust.org.uk/blog/2019/04/identify-bird-song/ Can you learn to imitate any of them with your voice or a homemade instrument?</p>	<p><u>Art</u> Find out more about Roman Mosaics using the power point attached. Then use the squared paper to make a mosaic of Roman food or a Roman building. If you have the materials you can cut out squares of coloured paper and make your mosaic by cutting and sticking.</p>	<p><u>PSHE</u> Take time to get to know your family members really well. Write a profile for each member of your family. Find out things like their favourite colour, food, game, sport, memory, place, person, holiday, weather, etc. For each person decorate a whole page with things they love and write down what you find out.</p>

N.B. The green writing is intended to extend the original tasks if you would like to challenge yourselves!