

## Homework - Spring 1

	Year 5	Year 6	Year 7	Year 8
<b>Design &amp; Technology</b>	<b>All Years:</b> Create a glossary of at least 10 self-defined key words from your current topic.			
	Rolling ball game	Mini light	Steady hand game	Free standing clock
<b>English</b>	All pupils are issued a reading log which is completed on a weekly basis. Pupils are asked to read a minimum of five times per week (15-20 minute sessions) either individually or with a parent / carer. Should a pupil read seven times a week every week until half term, they will be issued a non-uniform pass by their English teacher. English teachers will also be setting homework regularly when opportunities arise in class			
<b>Geography</b>	<b>All Years:</b> Key word spelling test			
	United Kingdom Europe England Scotland Wales Northern Ireland English Channel North Sea Irish Sea County City Physical features Human features Landmarks Climate	Italy Europe Political map Physical map The Alps The Apennines The Dolomites Glacier Volcano Active Dormant Extinct Mount Etna Mount Vesuvius Stromboli	Local National International Ordnance Survey Map Height Relief Contours Direction Distance Scale Geographical Information Systems (GIS) Longitude Latitude Tropic of Cancer Tropic of Capricorn	Earthquake Strain Energy Seismic Waves Focus Epicentre Aftershocks Magnitude Richter scale Volcano Shield volcano Composite volcano Magma chamber Crater Main vent/side vent Lava
<b>Maths</b>	<b>All years:</b> Complete weekly skills sheets, they are differentiated based on year group & setting. <b>Super Start Homework - all years:</b> TT Rockstars tournaments - dates to be confirmed.			
<b>PE</b>	<b>All Years:</b> Complete crosscross puzzle/crossword focusing on self-defined key vocabulary within the sporting topic.			
<b>Science</b>	<b>Definitions (find the definitions to the words, write them down and bring them into school)</b>			
	Experiment, method, results, repeat, prediction, conclusion, investigate, reliable, variable, equipment.		Ultrasound, enzyme, implantation, prediction, trend, control variable, NaCl, H <sub>2</sub> , He, K	Biuret solution, photosynthesis, continuous variation, Group 1, distillation, polymer, the carbon cycle, resistance, radiation, relative motion.
<b>Computer Science</b>	<b>All Years:</b> Fill the boxes with words from the topics you have studied this year.			

## Optional Projects - Spring 1

	Year 5	Year 6	Year 7	Year 8
<b>Art &amp; Design</b>		Create a 3D sweet or chocolate bar of your choice. Choose your media and choose the size of your outcome carefully. You can then bring your outcome into school. #getyourcrafton	Using our current theme and extending into florals should you wish, explore origami. What can you create? Explore different paper based folding materials - choose carefully. Bring your outcomes into school and share them with your class. <b>Top tip</b> - thin paper will work a treat.	
<b>Design &amp; Technology</b>	Design a poster to advertise your favourite chocolate bar or fruit snack.			
<b>English</b>	<b>Short Story</b> - Create a short story using ideas from topics you have studied in English. It could be in the style of a myth, fable or legend. It could be written in the style of Roald Dahl who produces some fantastic characters and stories. Make sure you only use limited characters as the shorty is short. There are a number of websites with some excellent ideas such as Oxford Owl, Scholastic and BBC Bitesize.	<b>Poetry Pack</b> - Create a booklet of poems based on a theme of your choice. You could choose a season such as summer. You could choose an occasion like Christmas, Halloween, or Easter. It could even be a collection of nature poems. You can make different types of poems for example, haikus, limericks, acrostics, free verse or narrative poems. Use illustrations and colour to ensure your booklet is appealing to your teacher.	<b>Script Writing</b> - Using your knowledge of scripts, produce a script based on a book you have read or even create a brand new script using an idea you have. Think about the layout of a script and ensure you include actions and movements from your characters. BBC Bitesize has a section on script writing if you need some inspiration.	<b>Biography of an author</b> - Choose an author who you feel has inspired you over the years and complete an account of their lifestyle in the third person. Make sure you include their achievements, early life, what lead to them becoming an author pictures of them and their published books. Puffin Schools, BBC Biteszie and scholastic has some examples and ideas on their website.
<b>Geography</b>	Research a famous UK landmark and create a fact file about it. You could also make a model to show what the landmark looks like.		Create your own, working, weather instrument e.g. a barometer or a wind stick.	
<b>History</b>			<b>Build a medieval castle</b> - Create your own model of a medieval castle. You can choose any type of castle we have learnt about and use any materials you like.	
<b>Languages</b>	Produce a fact file on a Spanish speaking country in Latin America. You could include: location, climate,	Research the recipe for your favourite meal and produce a poster about the recipe in Spanish.	Produce a fact file on a German speaking country. You could include: location, climate, tourist landmarks,	Research the recipe for your favourite meal and produce a poster about the recipe in German.

	tourist landmarks, traditions, receipts and famous people from that country.		traditions, receipts and famous people from that country.	
<b>Music</b>				Research and design a poster of your favourite popular musician.
<b>PE</b>	Design a drill for a skill (passing, shooting etc) used for your current topic.	Design a drill for a skill (passing, shooting etc) used for your current topic.	Design a drill for a skill (passing, shooting etc) used for your current topic. Include a game at the end that emphasises the use of this skill.	Design a drill for a skill (passing, shooting etc) used for your current topic. Include a game at the end that emphasises the use of this skill.
<b>RE</b>	Create a poster to show your own trinity. Christians believe God takes 3 forms (Father, Son and Spirit). What 3 different things could represent you and your different interests, values, beliefs etc? Draw 3 images and annotate them to explain your choice.	Write a short story where the main character/s face a dilemma and manage to overcome it.	Create a 'symbol' to represent you and your beliefs. Remember, beliefs are things we believe even though there may be no proof or evidence of it.	Create a fact file about one of the influential people you will be learning about in lessons this term (Ghandi, Nelson Mandela or Martin Luther King).
<b>Science</b>		<p>You are going to investigate the conditions that cause mould to grow on bread. Use 2 slices of bread and 2 clear plastic bags. You will place each slice of bread in a plastic bag, then change the conditions that each slice of bread is exposed to over a week.</p> <p>For example, you may put one slice of bread in the light and one in the dark. Or one may go in the fridge and other over a radiator. Or you may choose to dampen one slice of bread before putting it in the bag, while leaving the other dry.</p> <p>Decide which variable you will change. Use this variable to construct your question. For example, if you are changing the dampness of the bread, your question may be: "Does damp bread go mouldy faster than dry bread?"</p> <p>Complete the Mould Investigation Activity Sheet and set up your investigation. You will observe the bread over a week and collect your results after.</p>		

<b>Computer Science</b>		Flowcharts and algorithms: You have been asked to teach the Year 5s about Flowcharts and Algorithms. You can choose to present your work on paper or PowerPoint slides. Use your own words, do not copy and paste. Use pictures or diagrams to illustrate your work. Consider the complexity of your language - keep it simple!		
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