

LEARNING GRID – SUMMER TERM 2017-YR 5

Our theme this term is Travelling Through Time. We have made the tasks as cross-curricular as possible. The grid has been devised so that you can select and complete the tasks that appeal to you most. **During this 12 week term, you need to complete ONE English OR Maths task weekly. In addition ONE piece of Thematic OR Science work will be expected each week (TWO pieces of home learning each week).** If you wish to complete more please do so. This term we have included some suggested daily Maths activities to reinforce key skills. **These however do not count as a Maths homework task**, just ideas to keep the Maths brain ticking over. Home Learning books should be returned for marking on a **Monday** and will be given back on a **Wednesday**. Have fun and most importantly enjoy learning!

Literacy	Research cinquains. Learn and rehearse a famous poem written in this style. Can you perform it to the class?	Create a persuasive leaflet to encourage people to visit Tring. The leaflet should include places of interest, local sites and interesting information on the local area.	Research famous transport designers and write a biography about one of these. Use the website below to help you: http://design.designmuseum.org/design/london-transport	Write an information leaflet about a variety of aspects of Tring e.g. housing, schooling, leisure or the high-street.	Investigate words with the suffix 'ful'. How many root words can you find that you can add the suffix 'ful' to? E.g. success then becomes successful.	Visit either of the local Tring museums and write a recount about your trip.
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Maths	Find the divisibility rules for 5 numbers and give an example for each e.g. a number is divisible by 2 if a number is even (0,2,4,6,8) example 128 is but 129 is not. You could use this website to support your understanding: http://www.mathsisfun.com/divisibility-rules.html .	Find and learn all the prime numbers up to at least 100. What patterns do you notice?	Pick 5 items from an online shop or catalogue. Can you calculate the price if there was a discount of 10%, 25% and 50%? Can you challenge yourself to find a percentage of your choice? Please record your working in a table.	Can you find all the square numbers up to 200? What do all the numbers have in common? What patterns do you notice?	Devise your own survey e.g. favourite artist, clothing brands, food etc. Create a frequency table and draw a pie chart to represent results. Can you find the mean, mode and median? For example, you may want to look at how many of each clothing brand you have in your wardrobe?	Look at a local bus, cinema or train timetable. Write ten statements about the timetable. E.g. the bus takes 14 minutes to get from stop A to stop B.
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Suggested Daily Maths activities	Talk about time. E.g. How long is it until lunch time? The journey takes 2½ hours, when will we arrive? We need to be there at 2.00 pm, when do we need to leave home?	Play a game involving numbers and/or logic, such as a card game, dominoes, darts, draughts, monopoly or chess	Investigate 3D shapes around your house. What is each shape called? What properties does each have? <u>Extension</u> : Can you calculate the surface area?	Learn off by heart the equivalent fractions, decimals and percentages for a half, a quarter and three quarters.	Record real life examples of how you measure using capacity, length and mass within a week. <u>Extension</u> : estimate these in imperial measures.	During the weekly shop, round the prices to nearest whole number then estimate the total cost? How close were you?
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Topic	Research Canal Art and design your own art work in this style. This can either be art on the side of boats or art on pots and jugs.	Research Walter Rothschild and write a short biography about him and explain the connection he has with Tring.	Draw your own map of Tring today. Remember to include the local landmarks and direction (which way is North)	Design your own new style of transport. Sketch and annotate this and add a paragraph to explain how to use it.	Create a timeline of transport through the years. Use the website below to help you: http://www.localhistories.org/transport.html	Make your own PowerPoint about Life on the canals, from when they were constructed to the present day.
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Science	Find/draw a flower and label the different parts.	Research plant reproduction. How do plants germinate? How can seeds be dispersed? Write your findings as a report.	Create a fact file to inform others on how to care for a plant of your choice.	Investigate the different plants that grow during spring. Include scientific names and pictures.	Create and design your own cress head in tights. Take photos or draw the different stages of growth. Observe closely, what do you notice? This may take 1-2 weeks. The website below gives step by step instructions: http://www.homemade-gifts-made-easy.com/grass-heads.html	Revise knowledge and understanding of plants using http://www.bbc.co.uk/bitsize/ks2/science/living_things/plants/play/ Can you list some key facts?
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Family Learning

This is a flexible option in response to requests at the forum. The aim is to provide families to take part in something together or to use this as a free pass, so that you could, if needed, take a week off from the home learning grid. You may wish to visit The British Museum which holds a variety of Ancient Greek artefacts.

Date:	Parent Signature:	Teacher signature:
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Included in the homework pack:

- Times tables grids
- List of keywords – these are words that you need to understand and spell by the end of the year. These can be learnt during the term at home.
- 100 square
- Squared paper