

LEARNING GRID – SUMMER TERM 2017



Our topic this term is, 'Identity'. 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. Each week you should alternate between a Literacy and Maths activity. In addition one piece of topic or Science work will be expected each week. If you wish to complete more please do so. We have included some suggested daily Maths activities to reinforce key skills.

Home learning books should be returned for marking on a **Monday** and will be given back on a **Wednesday**. Please bring in reading records to be checked on a **Monday** also. Have fun and most importantly enjoy learning!

Literacy	Write a short story where you take on the identity of another person. Can you imagine what it's like to be someone else? Think carefully about the character you are taking on!	Write an information text about a famous artist who has produced a famous self-portrait.	Write a biographical story of a family member. Make sure it is entertaining and well structured.	Write a poem, explaining what it means to be British today. Explore what it means to be British and include British values of tolerance, respect, freedom and the rule of law.	Research and identify our current Children's Poet Laureate. Pick a poem of theirs you particularly like and tell us why.	Research some events that happened in the year of your birth. Turn them into articles for the front page of a newspaper.
Parent Signature						
Teacher signature						
Maths	Revise times tables (up to 12x12) multiplication and division facts. Recall these at speed. Experiment with different revision techniques and see which suits you best.	Investigate the different nets of a cube. Record these in your books measuring and drawing accurately with a pencil and ruler! Challenge: Investigate the nets of another 3D shape of your choice. You may wish to make the shapes to check that your nets are correct.	Draw five 2D shapes. Label their properties and measure each angle accurately using a protractor. Challenge: Label perpendicular and parallel lines. Please ask if you need to borrow a protractor.	Complete the answers to the problem solving Conveyor Belt on the website below. http://downloads.bbc.co.uk/skillswise/maths/ma10mult/game/ma10mult-game-problem-solving-with-multiplication/multiplication.swf Now devise and answer 3 of your own multi-step word problems.	Answer these long division questions using an appropriate method. Show all working out. 1. $1876 \div 14$ 2. $3265 \div 16$ 3. $1432 \div 22$ 4. $2175 \div 23$ 5. $1732 \div 36$ 6. $835 \div 35$ 7. $2775 \div 50$ 8. $2358 \div 64$	Revise knowledge and understanding of Percentages using BBC Bitesize. Make sure you read, play and answer the questions in the quiz. Record working out and answers in home learning books. http://www.bbc.co.uk/bitesize/ks2/maths/number/percentages/play/
Parent Signature						
Teacher signature						
Suggested Daily Maths activities	Derive and recall number bonds to 100 at speed.	Ask a family member to test you on your multiplication facts. How many facts can you recall in 60 seconds?	Write your own five a day questions involving addition, subtraction, division, multiplication and problem solving for a 5 day period.	Write four calculations for each operation daily. Remember to select numbers that challenge you. Can you use the inverse to check your answer?	Invent your own mathematical word problem for a family member. It needs to include at least two steps.	When cooking at home, help to measure quantities accurately.
Parent Signature						
Teacher signature						

Topic	Research a national anthem for a country of your choice. Write out the lyrics in your home learning book and explain the meaning and origin of the song. (You can even perform it if you wish!)	Research and create an interpretation of a self-portrait from a famous artist. Provide an explanation of the portrait, including the medium and history of the piece.	Draw an accurate map of the British Isles and label 10 major cities and 10 main rivers. Challenge: Can you locate and mark 5 major historical landmarks on your map?	Research a significant historical British landmark. This could be an important building or memorial. Tell us what it represents or why it is so significant to British identity.	Create your own family tree which shows your ancestry dating back as far as you can. You will need to talk to your parents and grandparents to find out as much information about your family as possible.	Create a timeline of important events in the history of the British Isles. Choose a maximum of 20 events to include. Extension: Choose one event and research it in detail.	Create your own Roman artefact e.g. helmet, shield, swords, jewellery, coins etc. take a photograph for your home learning book.
Parent Signature							
Teacher signature							
Science	Draw a diagram of the digestive system. Write about the function of each organ and how we digest our food.	Research plant reproduction. How do plants germinate? How can seeds be dispersed? Write your findings as a report.	Research Charles Darwin. Find out who he was and what contribution he made to science	What is an Eclipse? Investigate and write a detailed description adding diagrams.	Research Carl Linnaeus. Find out who he was and what contribution he made to science.	Investigate air resistance. Which type of paper causes the least air resistance? If you would like, make this into a parachute. You could test paper types around the home e.g. kitchen roll, tissue, newspaper etc) Use the investigation sheet to help you.	Make a poster explaining any or all of the family traits and characteristics that you have inherited. You can display this any way you feel is appropriate, you might even make a powerpoint!
Parent Signature							
Teacher signature							



Family Learning

This is a flexible option in response to requests from parents. The aim is to provide families with the opportunity 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.

Date:	Parent Signature:	Teacher signature:
--------------	--------------------------	---------------------------

Included in the homework pack

- 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.
- Science investigation guidance sheet
- Golden Ratio investigation sheet