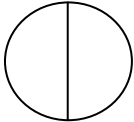


LEARNING GRID – AUTUMN TERM 2017 (Sept-Dec)

Our topic this term is Fairness and Equality. 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. Over the 15 week term, you need to complete six Literacy tasks and six Maths tasks. In addition, one piece of Topic or Science work will be expected each week. 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**. Two activities need to be completed per week.

Have fun and most importantly enjoy learning!

Literacy	Learn and re-tell an African traditional story. You could choose to act this out, take a photograph or make a short film clip. You need to try and link this to fairness and equality.	Write your own poem about an African animal. This can be in any style you wish.	Write a biography about a famous person linked to Benin history e.g. Obas	Write a persuasive speech, to the British forces, from the Benin Kingdom asking them not to invade their land.	Write a dairy entry of a day spent in the Benin Kingdom. Think carefully about what job you may have had (e.g. a trader, farmer or a member of the Obas).	Research and find 8 African proverbs. Can you explain the meaning behind these? Are there any links to fairness and equality?	Research and rehearse a new poem, by Benjamin Zephaniah, that you can recite to the class.
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Maths	Learn times tables (up to 12 x12) and recall these at speed.	Design a poster to show what you know about the relationship between fractions and decimals E.g. $\frac{1}{2} = 0.5$ 	Using the four rules of number (addition, subtraction, multiplication and division) Investigate as many possible ways to make the target number 100.	Plan a party. You have a budget of £100. You are catering for you and 10 guests. What food and drink will you buy? Don't forget to budget for plates and cups!	Complete a traffic survey in your local area e.g. Which is the most popular colour car/ make of car? Record in a tally chart and bar graph. Write 3 statements about what your results show. Remember to take care if you're crossing the road!	Draw five 2D shapes. Label their properties. Label the interior angles e.g. acute, obtuse, right or reflex. Extension: draw the lines of symmetry and label the parallel and perpendicular lines using a ruler.	Find out the population for 10 countries of your choice. Order these from smallest to largest in a recording table. Remember the rules for presentation when organising your table.
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Suggested Daily Maths activities	Derive and recall number bonds to 100.	Ask a family member to test you on your multiplication facts	Learn off by heart the equivalent fractions, decimals and percentages for a half, a quarter and three quarters.	Write four calculations for each operation daily. Remember to select numbers that will challenge you. Can you use the inverse to check your answer?	Invent your own mathematical word problem for a family member.	When cooking at home, help to weigh and measure accurately.	For the duration of the week, calculate the number of hours you have been at school.
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Topic	Create a timeline of the different periods of history during the Benin kingdom from 900 BC – 1900AD. Extension: How does this differ to other places around the world during the same time?	Design a booklet on equality linked to slavery. You will need to include a definition of equality.	Draw a detailed sketch of an African landscape or an African animal. Focus on using light and shade. If you prefer you may want to paint.	Draw your own map of Africa. Label the countries and include oceans and seas it surrounds. Research the rivers and landscape features. You may wish to include capital cities.	Investigate traditional African recipes. Record your chosen recipe in your book. Follow the instructions to make the African food. Take a photograph for your home learning book.	Research a famous African Artist. Write a short biography and recreate one piece of their artwork.	Investigate traditional African dance movements. Learn 4 moves that can be shared during dance lessons this term. If possible, take a photograph for your home learning book.
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Science	To carry out an investigation to find out what happens when cold air meets warm air? (See investigation sheet for guidelines)	Draw a detailed diagram of the water cycle. Explain the process for each stage of the cycle.	Find and record the definitions for solids, liquids and gases. Investigate and record as many as you can in a table.	Investigate how water can be changed into different states. If possible, take photographs.	Watch video clip below and describe what a particle is: http://www.bbc.co.uk/learningzone/clips/properties-of-solids-liquids-and-gases/10587.html	Make a list of all the gases that are around you at school and at home. Challenge: which gases are important to plants and humans? How are these linked?	Complete the quiz below and record your score. http://www.bbc.co.uk/bitesize/ks2/science/materials/solids_liquids_gases/quiz/q76443379/
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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.
- Science investigation sheet- please ask for graph paper if you need some.



Family Learning

This is a flexible option in response to requests at the forum. The aim is to provide families with an 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. You may wish to visit The British Museum which holds a variety of Benin artefacts.

Date:	Parent Signature:	Teacher signature:
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Several tasks might involve research on the internet. Please make sure you work with an adult if using a search engine to find useful reference sources.