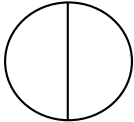


LEARNING GRID – AUTUMN TERM 2018 (Sept-Dec)

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 14 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 diary 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.
Parent Signature							
Teacher signature							
Maths	When cooking at home, help to weigh and measure accurately. Record ingredients and measurements.	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!	Find and learn all the prime numbers up to at least 100. What patterns do you notice?	How many multiples of 7 can you find using a 100 square? Explain your reasoning for each. E.g. 14 is a multiple of 7 because I know that $2 \times 7 = 14$.	Find out the population for 10 countries of your choice. Order these from largest to smallest in a recording table. Remember the rules for presentation when organising your table.
Parent Signature							
Teacher signature							
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.	Learn times tables (up to 12×12) and recall these at speed.	For the duration of the week, calculate the number of hours you have been at school.
Parent Signature							
Teacher signature							

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 the oceans and seas surrounding it. 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.
Parent Signature							
Teacher signature							
Science	Find 10 objects around the house, (e.g. a chair, mug, window) and write the material it is made out of and explain why it is made from that material using scientific vocabulary.	Find the definitions of the following properties and record them in your books: Opaque, brittle, rough, transparent, flexible, translucent, magnetic, waterproof, synthetic, absorbent, smooth, strong, shiny, absorbent, rigid. You can use a dictionary if you need to. List objects that match each property.	Look at the everyday changes of materials that occur in the kitchen (e.g. melting ice cream, kettle boiling, jelly setting). List 10 and predict whether the changes would be reversible or irreversible. Test your predictions.	Investigate how water can be changed into different states. If possible, take photographs.	Draw a detailed diagram of the water cycle. Explain the process for each stage of the cycle. Use the links below to help you find out about the water cycle: http://www.bbc.co.uk/bitesize/ks2/science/materials/changing_states/read/5/ https://www.bbc.com/bitesize/clips/zh4rkqt	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?	Find some solids to test whether they dissolve in water- salt, sugar, coffee, bicarbonate of soda, baking powder. Test each solid and record your results. Challenge question: Do some things dissolve in hot water but not in cold? With support from an adult, boil some water and test each solid.
Parent Signature							
Teacher signature							

Included in the homework pack

- Times tables grids
- 100 Square
- 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.



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:
Date:	Parent Signature:	Teacher signature:

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.