



Kibworth Primary School

**Year 4, Autumn Term 2**



Dear Parents/Carers

What a busy first half term we had! History was our key focus and we all loved learning about all the Greek Gods. Our topic continued throughout our writing and the children produced some fantastic letters and diaries.

For the second half of the term, our topic will be 'Road Trip Aylmerton'. We'll be thinking about how different Market Harborough and Cromer are. Some of us were lucky enough to visit Cromer and will be able to share our knowledge with those that didn't to help us to write a leaflet to persuade people to visit. Of course, we are also looking forward to decorations day and our trip to the panto!

### English

#### Non-Fiction - Persuasive Writing

We will begin the unit by looking at different examples of persuasive writing and discussing what persuasion is. We will then focus on the use of paragraphs and topic sentences and why these skills are important to structure writing. The pupils will then write persuasive texts visiting Cromer.

#### Poetry - Descriptive Writing

We will begin the unit by looking at different poems about the ocean and seashore. We will discuss how these poems are structured and the language that the poets use to build up a picture in the reader's head. We will then practice writing poems together before writing a poem independently.

### Maths

#### Addition and Subtraction

The children will continue to use their place value knowledge to add and subtract up to 4-digit numbers. To begin they will focus on mental strategies which they can use to help when they move on to using the compact method for both operations. Once they are able to calculate efficiently, they will apply this to solve problems.

#### Multiplication

There will be a continued emphasis on knowing multiplication and related division facts by heart and out of order. We will be focussing on using visual and pictorial representations to support the children's understanding and then building speed and accuracy in multiplying single digits mentally before moving on to using the compact method to multiply  $3 \times 1$ -digit numbers.

### Key Areas of Learning:

#### Science

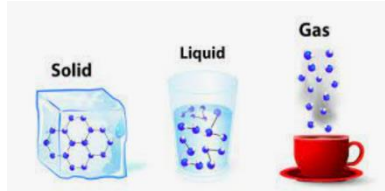
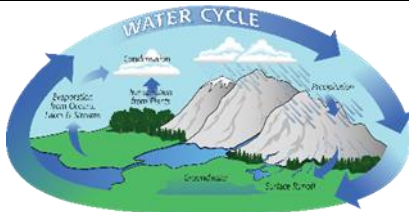
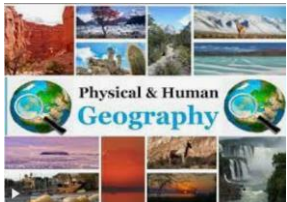
- Know the part played by evaporation and condensation in the water cycle
- Know when condensing and evaporation takes place in their lives
- Know how to group materials based on their states of matter
- Know the temperature at which materials change state
- Know about and explore how some materials can change state.
- To know how the water cycle works.

#### Geography

- To know key regions of the UK and locate them on maps
- To know, name and locate some counties in the UK as well as key cities
- To know key topography of areas in the UK - areas of elevation, coasts
- To know different types of settlement and land use
- To know why people live near coasts and rivers - economy of trade, fishing and natural resources.
- To know how land use of an area has changed over time - diversification in fishing to tourism

			<ul style="list-style-type: none"> <li>• To know the geographical similarities and differences through the study of human and physical geography of a coastal town in the UK (Cromer) and North America.</li> <li>• To know how we use field work to measure and record and present human and physical features.</li> <li>• To know key physical features of a river.</li> </ul>
Art	R.E.	Computer Science	
<b>Printing</b> <ul style="list-style-type: none"> <li>• Create printing blocks using a relief or impressed method.</li> <li>• Create repeating patterns.</li> <li>• Print with 2 colour overlays.</li> </ul>	<b>What is Trinity?</b> <ul style="list-style-type: none"> <li>• To know how to identify the difference between a 'Gospel', which tells the story of the life and teaching of Jesus, and a letter.</li> <li>• To know how to suggest what texts about baptism and Trinity might mean.</li> <li>• To know what texts mean to some Christians today.</li> <li>• To know how Christians show their beliefs about God the Trinity in worship (in baptism and prayer, for example) and in the way they live.</li> <li>• To know that some Bible texts and understand the idea of God in Christianity.</li> </ul>	<b>Data Loggers</b> <ul style="list-style-type: none"> <li>• To know how data is collected over time.</li> <li>• Know how computers use input devices called sensors to monitor environment.</li> <li>• Know how to collect data as well as access data captured over long periods of time.</li> <li>• Know how to use a computer to review and analyse data.</li> </ul>	

### Outline of our Learning Journey:

Solids Liquids and Gases	
	<p>To begin our unit we will be investigating what makes a solid, what makes a liquid and what makes a gas. After deciding on our criteria, we will sort given items into these groups and challenging them with items such as sand and flour which seem to not follow the rules at first glance. We will look at what these states of matter look like when we zoom all the way to their molecules and acting like the states of matter in the playground to consolidate this.</p>
Water Cycle	
	<p>We will then investigate the processes of evaporation and condensation and the role that heat plays in these changes of state. We will do experiments in the classroom to consolidate this knowledge and see evaporation and condensation occurring first-hand. To complete the unit, we will apply this knowledge to understand the water cycle, where evaporation and condensation repeatedly happens on a much larger scale.</p>
Human and physical Geography including rivers	
	<p>We will think about the UK and ensure we can locate and name the 4 countries, their capital cities and the oceans around them. We will then think about some of the physical and human geographical features we learned about or saw (in Aylmerton or at school) and use this to come up with definitions for both. We will then compare Cromer a small town in Norfolk with Market Harborough and think about how they have changed over time.</p>

Things you may like to do at home:

- Read as much as you can
- Read a map - how many places can you locate? Do you know where any rivers are?
- Choose a town/village you know well and compare it to Market Harborough or Kibworth
- Practise your times tables and try and beat your own score!

## Useful Links:

### Maths Frame check



[www.mathsframe.co.uk](http://www.mathsframe.co.uk)

Under the multiplication section there are lots of fun games to use to practise your times tables. The 'maths frame check' is a resource that is similar to year 4 multiplication assessment.

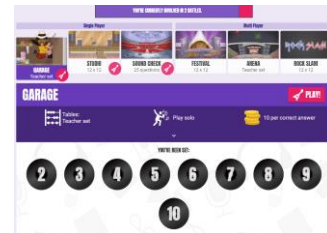
### Hit The Button



[www.topmarks.co.uk/maths-games/hit-the-button](http://www.topmarks.co.uk/maths-games/hit-the-button)

Carry on practising your times tables when possible.

### Times Tables Rockstars



Remember to write down your best score!

We are looking forward to a great first term of fun filled learning and wish to thank you all for your continued support.

**Joanne Watson, Phoebe Hammond, James Swinger, Hannah Tyrrell,  
Jen MacDonald, Amy Groom and Catherine Law.**