



Kibworth Primary School
Year 4, Spring Term 1



Dear Parents/Carers

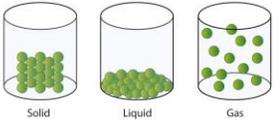
It seems like a long time ago now but what a superb start to the half term we had with our exciting residential trip to Aylmerton! The children's enthusiasm towards all the fantastic experiences on the Norfolk coast made for an engaging start to our topic - 'Blue Abyss'. Their learning continued back in the classroom where they found out about a wide range of sea creatures, food chains and ecosystems. The children also produced some very persuasive writing using their new knowledge of the threat to Australia's Great Barrier Reef and created some great pieces of art-work showing how much they had learned about creating tone and texture with just a pencil

Our new topic for the following half term will be 'Potions'. The children will explore solids, liquids and gases through some interesting scientific experiments; design, create their own packaging for a potions bottle and continue to explore the 'Potions' theme throughout their literacy units. We will also be heading outdoors this term on our annual Ernest Cook trips for some exciting outdoor learning and team building.

English		
Fiction - Speech		
The children will build their skills in using inverted commas and other punctuation to use direct speech accurately within their writing. They will then apply their new skills to write a fantasy piece using 'Alice in Wonderland' as an exciting stimulus.		
Reading		
This half term we will continue to work on the skills needed to be able to understand and answer questions on a text. Our Fiction reading will be based around 'Alice in Wonderland'.		
Spelling		
Spelling this term will focus on suffixes. Children will learn the meanings of different suffixes and investigate if and how spelling of the root word is affected by their addition. They will also continue to learn words from the Year 4 statutory list.		
Maths		
Multiplication and Division We will continue to work on the children's instant recall of times table facts up to 12 x 12. Using their growing times table knowledge, the children will then use this to divide mentally and move to a written method to divide a three-digit number by a one-digit number. They will then use this skill to solve problems involving division. Having a secure knowledge of times table facts will help the children as they move on to the next area of Mathematics, Fractions.		Fractions Children will learn to recognise and show, using diagrams, families of common equivalent fractions. They will develop their ability to solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities (including non-unit fractions where the answer is a whole number). There will also be a focus on adding and subtracting fractions with the same denominator.
Science	States of Matter	Pupils will learn about everyday materials and be able to classify them as a solid, liquid or gas. They will explore the effect of heating and cooling on a range of substances and identify how water changes state, using the correct terminology and relate these key processes to the water cycle.

RE	Hinduism	Pupils will learn about Hindu beliefs and how Hindus worship. We will learn about the different Hindu gods and what part of a Hindu's life they influence. We will write and perform our own bhajans, which are Hindu songs for worship. From there, we will investigate what Karma is and make our own videos based on kindness chains.
ICT	Programming E safety	Using the Scratch programme, the children will continue to develop their own game. Programming an icon of their choice to move around a board of their creation. The children will learn how to ensure they keep safe whilst using technology.
DT	Packaging design	Pupils will research, design, make and evaluate their own cardboard box. They will investigate existing properties to create a set of criteria. They will then create nets and complete their design.
PE	Tag rugby Gymnastics Archery Cricket Handball Dance	The children will continue to develop their skills for team and ball games from last half term. They will combine their hand eye coordination with accuracy and team-work. Pupils will continue to develop their ability to work independently to express themselves and develop the specific skill of archery.
French	Numbers and Family	Children will continue exploring the French language through a variety of conversational topics.
Music	Tabla Drums	Music will continue to be taught by the fantastic 'Dabla Arts'! The children will build on their rhythmic skills using the tabla drums.

Outline of our Learning Journey

Week 1 and 2: Solids Liquids and Gasses	
 <p style="text-align: center;">Solid Liquid Gas</p>	In the first weeks of our new unit, the children will explore the properties of Solids, liquids and gasses and find out how some materials can exist in more than one state.
Week 3 and 4: The Water cycle	
	We will use our knowledge of evaporation and condensation and apply it to the water cycle. Linking this with our Geography knowledge, we will consider the links between the water cycle and droughts and floods in the world today.
Week 5 and 6: Packaging	
	In weeks 5 and 6 we will switch from Science to Design Technology and create our own packaging for a potions bottle. The children will investigate existing products and use what they have learned to create a net and construct an eye-catching functional box.

Things you may like to do at home:

- Read as much as you can - does your book use speech. Can you spot the rules?
- Watch the news and discuss it with someone at home.
- When it rains, see if you can explain why.
- Practise your times tables and try and beat your own score!

Useful links:

Hit The Button



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 half term of fun filled learning and wish to thank you all for your continued support.

**Joanne Watson, Luke Narborough, Sonal Modhvadiya,
Mel Lafferty, Katharyn Shuker, Ellie Craven and Michelle Cording.**