



Kibworth Primary School
 Year 4, Spring Term 1
 Curriculum Information
Potions



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 experimented with the science behind submarines; 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 incredible pieces of abstract sea creature art work.

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 and market their very own potions bottles; 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	Non-fiction - Explanations Texts
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.	The children will develop their use of paragraphs, conjunctions and the other key language and structural features appropriate to explanatory writing. They will independently write a text to explain the purpose and effects of their very own potion creation.
Reading	
This half term we will continue to work on the skills needed to be able to understand and answer questions on a text. Much of our Fiction reading will be based around Alice in Wonderland and the Non-Fiction will line with our Science learning.	
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 also 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	Times Tables	The children will use their time in the ICT suite this half term to practise their key board skills whilst improving their times table recall. They could continue to practise this at home using Times Table Rockstars and Hit the Button.
DT	Clay Modelling	Pupils will research, design, make and evaluate their own clay potion bottle. They will use their sketching skills and painting skills from last term to create a product that is both practically and creatively successful.
PE	Dance	Pupils will continue to develop their ability to respond to musical stimuli in an expressive way; thinking about how to show character and narrative through movement.
	Invasion Games	The children will continue to develop their skills for invasion games from last half term's football unit. This time applying them to netball; building their hand-eye coordination and shooting skills.
French	Numbers and Body Parts	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.

Joanne Watson, Luke Narborough, Simon Hitchcox and the rest of the Year 4 Team.