

## Muck, Mess and Mixtures

Dear Parents,

We hope that you had a very happy and peaceful break over Christmas. We are excited to begin our new topic; 'Muck, Mess and Mixtures' and engage with the fantastic novel; 'George's Marvellous Medicine'. Below is an idea of the learning your children will cover this term.

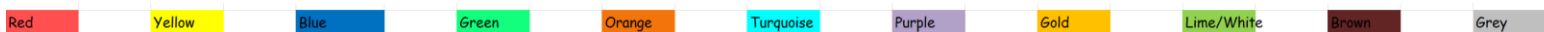
Here is some general information about Year 2.

Homework will be uploaded and set on Microsoft TEAMS **every Friday** with clear instructions attached each week. Please complete and return the book to school by the **following Wednesday at the latest** so your child's teacher can mark it. When worksheets are uploaded for the children to complete, please don't feel they need to be printed out: writing the answers in the book will be sufficient.

Book bags should be brought into school **every day**. Please record any reading your child does at home in their orange diaries. Reading is so important, and we really want to promote reading for pleasure so, please encourage your child to read lots and please read stories to them too!

It is important to hear your child read on a regular basis, to develop fluency and comprehensions skills. Reading a book several times really helps with the fluency. If there are particular words they get stuck on, write them down and use them to play snap or memory games etc. Children should be reading **lime/white** level books by the end of Year 2/on entry to Year 3.

**Please see the progression of reading books for Year 2:**



At Kibworth we write in cursive, so please make sure when your child is doing any writing at home, they are using the cursive font and their letters are always on the line.

Beginning and ending of school can be very busy so please arrange a convenient time with your child's class teacher or via the office if you have queries or need some information - we are always happy to help.

Children need to have a named water bottle in school to keep themselves hydrated - please make sure your child has one.



Your child will need **two** PE kits:

Day of the week	
<b>Tuesday PE</b>  <b>PM</b>	<b>Friday PE</b>  <b>AM</b>

For your child's PE lessons, please ensure that they have appropriate clothing for both indoor and outdoor sessions as the children will go out in all weathers.

**Indoor** - shorts, coloured PE t-shirt, plimsoles and socks

**Outdoor** - tracksuit bottoms, coloured PE t-shirt, jumper, shorts, trainers and socks

In addition, please provide your child with a hat/suncream for any sunny days.

Please ensure that all items of their uniform and PE kit are **clearly named**.

**Please note:** Children with long hair must have their hair tied back and all earrings must be removed or tape should be provided before the children come to school. Thank you.

The children will be learning the following skills:

**Gymnastics:** They will develop body management through a range of floor exercises and use core strength to link recognised gymnastics elements. They children will also attempt to use rhythm while performing a sequence.

**OAA:** They will learn to use searching skills to find given things from clues and pictures. As a pair, the children will navigate space and explore unusual equipment to develop motor skills, coordination and problem-solving.

Below is an idea of some of the knowledge your child will learn and use in the coming half term.

### English

**Fiction - Narrative**

*George's Marvellous Medicine* (Roald Dahl)

The children will be using this story to make simple inferences and understand the meaning of new words. We will be using question marks and exclamation marks to punctuate sentences and make our writing more engaging. We will be consolidating the use of capital letters for proper nouns (names, places, months, days of the week) before writing our own version of the chapter 'Grandma gets the medicine'.

**Fiction - Poetry**

We will explore the use of figurative language to describe the character of Grandma by using lots of new and ambitious vocabulary. We will recap the word classes; noun, verb, adjective and adverb to create exciting phrases and build our own poems.

**Non-Fiction - Instructions**

We will be investigating instructional writing to understand its features. We will then be creating a set of instructions to make our own magical medicines.

### Reading

This term we will be focusing on using some of our reading characters to help us to answer questions about George's Marvellous Medicine and other texts. We will also be working on our speed and fluency when reading more challenging texts. **Please make sure you continue to read at home as much as possible.**

**Word detective:** Draw on knowledge of vocabulary to understand texts.

**Investigator:** Identify/explain key aspects of fiction and non-fiction texts, such as characters, events, titles and information.

### Maths

During this term we will be introducing multiplication and division. The children will be using the vocabulary; arrays, groups of, lots of and times to understand and solve multiplication problems. They will be developing their knowledge of the 2, 5 and 10 times tables and learning how to count in threes. They will look at division through sharing and grouping and how to solve a range of problems using practical resources, pictorial examples, and a number line.






At the end of the term, we will begin learning about fractions. We will look at  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  and know that all parts must be equal parts of the whole. We will find fractions of shapes and amounts.

### Key areas of learning:

R.E	Science	Art
<p><b>Who is a Muslim?</b></p> <ul style="list-style-type: none"> <li>-To understand that Muslims believe in God (Allah)</li> <li>-To understand why the Prophet Muhammad was important to Muslims</li> <li>-To understand the stories of the Prophet that Muslims love to tell</li> <li>-To understand what makes a place or an object special to us</li> <li>-To understand what a mosque is, and what happens at a mosque</li> <li>-To understand how and why Muslims pray and worship at the mosque</li> <li>-To understand what happens at the celebration of Eid-ul-Fitr and Ramadan</li> </ul>	<ul style="list-style-type: none"> <li>-Know what a solid shape is</li> <li>-Know how materials can be changed by: (squashing, bending, twisting and stretching)</li> <li>-Know why to choose a material for a specific job by its properties</li> <li>-Know why a material might not be used for a specific job</li> </ul> <p><b>WORKING SCIENTIFICALLY</b></p> <ul style="list-style-type: none"> <li>-Draw conclusions from fair tests and explain what has been found out</li> <li>-Use measures (within Year 2 mathematical limits) to help find out more about the investigations they are engaged with</li> </ul>	<ul style="list-style-type: none"> <li>-Create images from a variety of media e.g photocopies, fabric, crepe paper, magazines etc.</li> <li>-Sort and group materials for different purposes e.g. colour, texture.</li> <li>-Fold, crumple, tear and overlap papers</li> <li>-Work on different scales</li> <li>-Collect, sort, name and match colours appropriate for an image</li> <li>-Create and arrange shapes appropriately</li> <li>-Create, select and use textured paper for an image.</li> </ul>
<b>Computing</b>	<b>Design and Technology</b>	
<p><b>Robot Algorithms</b></p> <p><i>To create and debug programs and using logical reasoning to make predictions</i></p> <ul style="list-style-type: none"> <li>-To know what algorithms are</li> </ul>	<ul style="list-style-type: none"> <li>-To know how to think of an idea through discussion that meets a design criteria.</li> <li>-To know how to prepare, cut, grate cold ingredients.</li> </ul>	

<p>-To know how they are implemented as programmes on digital devices</p> <p>-To create and debug simple programmes</p> <p>-To know the behaviour of simple programmes</p> <p><b>Managing Online Information</b></p>	<p>-To know how to describe and justify the ingredients they have used linked to healthy eating.</p> <p>-To know how to explain what went well with their work.</p> <p>-To know how to evaluate a product against design brief.</p>	
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### Outline of Learning Journey

<b>Week 1 : Engage</b>		
	<p>The children will participate in an engage afternoon where they will complete a range of experiments linked to the following learning questions:</p> <ul style="list-style-type: none"> <li>- What happens when oil is mixed with water?</li> <li>- How many cups of water will it take to fill the container? (pouring skills)</li> <li>- Which container will hold the most liquid? (measuring liquids with scales)</li> <li>- How tall can you build a play dough sculpture?</li> <li>- How far can you stretch the blue-tac without it breaking? (rule measuring)</li> </ul>	
<b>Week 2 :</b>		
	<p>Children will recap their knowledge and understanding about the different types of materials and their properties. They will also learn about what a solid shape is and complete various experiments to identify if they agree or not, and they will look at how materials can be changed through bending, stretching, squashing and twisting.</p>	
<b>Week 3 :</b>		
	<p>Children will develop their knowledge by completing an experiment based on water absorbed if the material is change. They will look at a fair test using different strips of materials to explore which materials is the most effect material.</p>	
<b>Week 4:</b>		
	<p>Children will then design and carry out their own fair test to answer the question: <b>'what material should George use to make bottles to store his marvellous medicine?'</b></p> <p>They will complete an experiment, looking at a fair test and choosing the right material for a specific job. They will use different materials to explore which materials is most effect for a medicine bottle.</p>	
<b>Week 5:</b>		
	<p>Children will link their science learning to their English learning by writing a set of instructions all about how to make their own marvellous medicine. They will get to choose their own ingredients and perform this to the rest of the class.</p>	
<b>Week 6: Express</b>		
	<p>Children will review and share all of their science learning by creating a game</p>	

**KABOOM!**

called KABOOM. They will create true and false statements about things they have learnt over the past few weeks and share their with another year group.

If you have any questions or concerns, please do not hesitate to contact us.

Miss Mason, Miss Evans and Miss Draper  
Mrs Donoghue-Parker, Ms Hodgetts and Mrs Kostecka

**The Year 2 Team**