

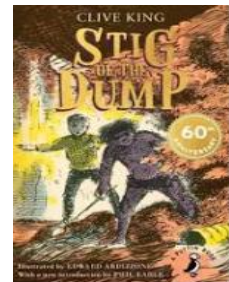
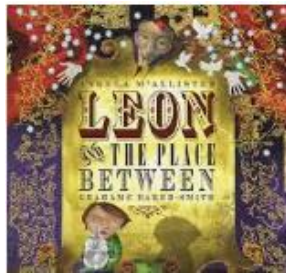
Our topic this half-term is called: **'Do you believe in magic?'** with Design & Technology and Science leading with lots of cross-curricular links to English and Maths. We will also revisit some of our Wellbeing learning during Anti-Bullying Week, which is the 11<sup>th</sup> – 15<sup>th</sup> of November.

As **writers**, we be writing to entertain, by continuing to identify and create a range of sentences including complex sentences and also use these to create a diary entry linked to the novel, 'Leon and the Place Between'. We will also be writing to inform, when we write an explanation as to how shadows are formed.



As **readers**, we will continue with our journey to become fluent readers, through our guided reading sessions focusing on reading with expression when certain punctuation is used. We will also be using the superhero Sequence Shadow to sequence parts of our texts. We want to enhance our vocabulary so will be using Word Wolf to collect words and phrases from the texts that we read, to generate a vocabulary bank, from which we will choose words to use in our own writing.

This half term these books link to our Science and English focus.



As **mathematicians**, we will develop our mental strategies and our ability to select the most efficient method for different calculations. Using formal methods, we will multiply and divide and work with numbers up to three digits when adding and subtracting. Counting in multiples of 2,5,3 and 4, we will complete sequences and identify patterns. We will identify 3D shapes and solve problems involving these.



As **scientists**, we will be learning about light and shadows. We will discover how light travels and develop our understanding of how we see. We will learn about sun safety and how to protect our eyes. Being a scientist, we will be looking for patterns when the light source moves or when the distance between the light source and the object changes.

As **designers**, we will follow the design and make process to create a wand case for a magician. We will investigate existing products, before designing our own products based on a magician's design criteria. Lots of fun will be had practicing a range of sewing skills and decoration techniques!



As **musicians**, we will be performing a Christmas themed song. We will explore different dimensions of music including timbre, pulse, rhythm, tempo and dynamics. We will also compose a musical accompaniment for our Christmas concert.

As **sports people**, we will explore travelling in dance. We will also be learning throwing and catching skills in Cricket, taught by an expert, as well as game tactics. PE lessons will to be on a **Wednesday** and **Friday**.





As **computer users**, we will be learning to code using Espresso Coding every Tuesday afternoon with Mr Smith. Children will use timer events to create different animations (rocket, bugs and space race) and sequences (traffic lights). They will also use conditional events to execute code 'if' or 'when' a certain condition is met.

Throughout their learning, children will use logical reasoning to predict outputs and to detect and correct errors in their code (debug).

As **educated citizens**, we will be learning about our value of **Respect**. We will be developing our understanding of difference (e.g. disabilities, families, religion, the way others look, hobbies etc). We will listen to each other calmly and fairly and speak to each other in a positive and respectful manner. We will focus on treating others how we would like to be treated, as well as caring for our property and community.



As **linguists**, we will continue to practise the new vocabulary we have learned including how to greet people, introduce ourselves and say how we are feeling. We will use our knowledge of the numbers 0 – 10 to say how old we are. Once we are confident in using the new language, we will begin writing in French. By the end of the term, we will be able to say and write a short description about ourselves. We will also be able to read a short description

written in French and tell somebody what it says.

**Key Vocabulary:** light source, shadow, reflection, opaque, comparisons, compartment, seam allowance, prototype, hulking, hideous, enchanted, invisible, astonishment

**Y3 Key Words:** answer, believe, decide, describe, length, question, strange

**Reading targets** are checked **every Thursday**. Children will be expected to complete at least one reading quiz a week (80+%) to achieve their reading target. Remember, plenty of reading please with an adult so support can be provided with unfamiliar vocabulary and checking for understanding. You might find our reading videos useful which are on our website:

<http://www.mossgate.lancs.sch.uk/page/home-reading-homework/26819>

Thank you for your continued support.

The Year 3 Holly team

### Teaching aids – joining techniques



Back stitch



Backwards running stitch



Over sew stitch



Blanket stitch

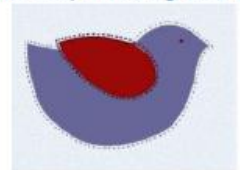


Running stitch

### Decorative Techniques



Embroidery stitches e.g. cross-stitch



Appliqué by gluing or stitching

### Possible fastenings



Buttons



Velcro

### Glossary

- **Appliqué** – means 'applied' - describes method of stitching/gluing patches onto fabric (originally to mend holes in worn clothes) to provide decoration.
- **Pattern/Template** – a shape drawn to exact shape and size and used to assist cutting out.
- **Seam** – a line of stitching that joins pieces of fabrics together.
- **Seam Allowance** – extra fabric allowed for joining together - usually 1.5cm.
- **Prototype** – a model that is made to test whether a design will work.
- **Aesthetics** – the way in which the product looks with the nature and expression of beauty.