

## Maths

In maths we will be learning about shape. We will be exploring angles, polygons, and lines of symmetry. Our second unit of the term will be based on statistics. We will learn to both draw and interpret line graphs. We will make comparisons, looking at differences and similarities between data.



## Design Technology

We will be learning about structures in DT this half term. We will be constructing our own castles!

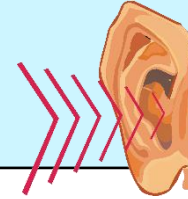
## English

In our English lessons, we will be exploring the text 'Leon and the place between.' This will inspire us to create our own story with a magical, hidden portal. We will be practicing using prepositional phrases, expanded noun phrases and will focus on choosing rich, tier two vocabulary.

We will also be delving into the poem 'Beachcomber' later in the term and will create our own poetry from this.

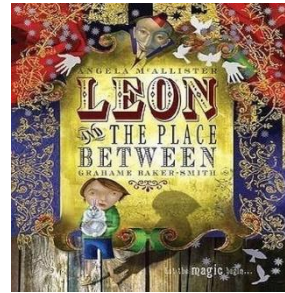
## Science

In science, we will be exploring how sounds are made. We will learn that vibrations from sounds travel through a medium to the ear. By the end of the unit, we will be able to find patterns between the pitch of a sound and the features of the object that produced it.



## RE

Our focus question for RE this half term is 'how and why do religious people try to make the world a better place?'



## Trips

4th June – Torquay Museum

4th July – Canoeing



## Computing

We will be adding to our programming skillset in computing. We will be learning all about events and actions in programs.

## Languages

During our Spanish lessons, we will be learning the days of the week and months of the year.



## PSHE

In PSHE, we will be completing our 'changing me' unit where we will learn about how our bodies change as we get older. We will also discuss what we are looking forward to as we think about transitioning into our next year group in September.

## Geography

In geography, we will be learning about megacities (cities with populations over 10 million). We will be identifying and locating the top ten cities in the UK with the largest populations and comparing these with the ten fastest growing cities in the country. We will be able to identify the features of different cities and will conclude by answering the question 'why do so many people live in megacities?'






## Music

In music, we will be discovering the sounds of the carnival, and which instruments we can use to replicate these.



**Butterflies Planning Map – Summer 2**

## Butterflies – Summer 2 Homework

Each day	Each week	This half term
<p>- Please read your book each day – even if it is just a few pages. <u>This is the most important activity you can do!</u></p> <p>- Bug Club books need to be read at least twice for fluency.</p> <p>- If you are on Accelerated Reader, then please quiz on this website either at home or when you come to school the next morning: <a href="https://global-zone61.renaissance-go.com/welcomeportal/2236638">https://global-zone61.renaissance-go.com/welcomeportal/2236638</a> or scan the code ...</p>  	<p>- Practice your weekly spelling list ready for a check each Friday.</p> <p>- Times tables rockstars (This is particularly important for the year 4s who will be taking the government times tables check this year).</p>	<p><u>Topic home learning task</u> <u>Science Investigation - sound</u></p> <p>This half term we are learning about sound. Try out this experiment and use your oracy skills to explain the science that is taking place.</p>  <p>What happens to the sound? How is it travelling?</p> <p><b>Create a paper cup and string phone.</b></p> <p>Supplies Needed:</p> <ul style="list-style-type: none"><li>• 2 paper cups</li><li>• Long string, like fishing line, kite string</li><li>• A sharp pencil or needle to poke holes in the cups</li><li>• Scissors</li></ul> <p>What to Do:</p> <ol style="list-style-type: none"><li>1. Start by cutting a long piece of string of about 5 metres.</li><li>2. Poke a small hole at the bottom of each cup.</li><li>3. Using each end of the string, thread it through the bottoms of the cups, tying a large knot so that the string does not fall out of the cup. If you make the holes too large, use a paper clip to hold the string in place so that it does not pull out of the cup.</li><li>4. Move into position and encourage your child to move away from you so that the string is far enough to make it tight. Be sure that the string does not touch</li></ol>

any other object and that it remains suspended in air as you complete the experiment.

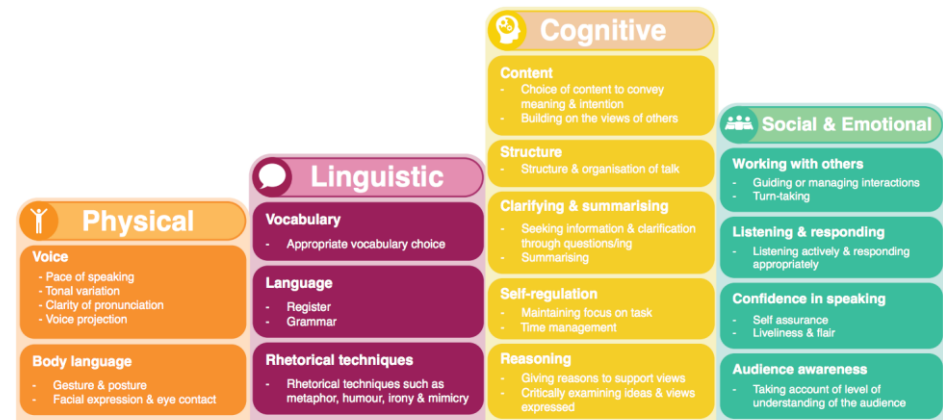
5. Taking turns, talk into the cup, while the other person listens by putting the cup to their ear. Tell your child to repeat what he or she hears after you have spoken and do the same in return!

### The science

Sound waves created by talking through the cup travel through the line to the other end, converting back to sound on the opposite side!

### The Oracy Framework

Use the oracy framework to understand the physical, linguistic, cognitive, and social and emotional skills that enable successful discussion, inspiring speech and effective communication.



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We would love to hear your oracy explanation in class!