

# Roll up, Roll up

This half term will be a science focus investigating **materials** and their various **properties**.

We will use this new knowledge to help us construct our very own circus tents.

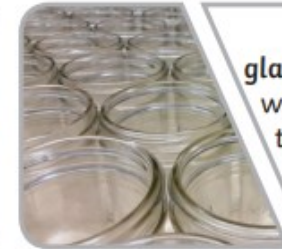
**Properties** - This is what a material is like and how it behaves.

hard	soft
rough	smooth
heavy	light
dull	shiny
rigid	flexible
absorbent	waterproof

**Materials** - materials are what objects are made from.



**wood:**  
hard, stiff,  
strong, opaque,  
can be carved  
into any  
shape.



**glass:**  
waterproof,  
transparent,  
hard, smooth.



**plastic:**  
waterproof,  
strong, can  
be made to be  
flexible or stiff,  
smooth or rough.



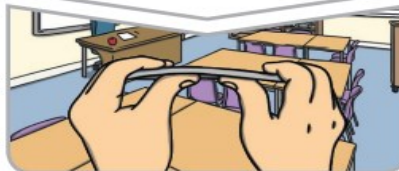
**metal:**  
strong, hard,  
easy to wash.

Here's how some **materials** can be changed:

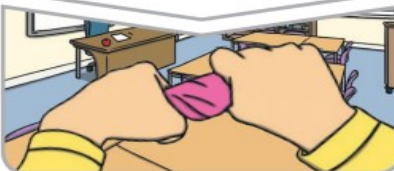
Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



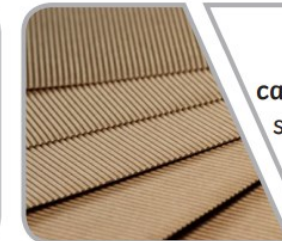
Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.



**paper:**  
lightweight,  
flexible.



**cardboard:**  
strong, light,  
stiff.



**fabric:**  
soft, flexible,  
hard-wearing,  
can be stretchy,  
warm, absorbent.



**rubber:**  
hard-wearing,  
elastic, flexible,  
strong.

## English

Year 2 will be exploring the book, 'Leon and the Place Between'. Our focus this half term is to:

- Accurately use full stops and capital letters and begin to use a variety of other punctuation such as commas, exclamation marks and question marks.
- Add detail and description to their writing through the use of adjectives and adverbs.

## Music

In music, we will focus on further developing singing and playing skills, with an emphasis on following a leader. We will continue to refine our pitch-matching and instrumental skills. We will also practise playing rhythm and pitch using glockenspiels. We will explore rhythm and pitch concepts while playing instruments, fostering teamwork and collaborative music-making.

## RE

Why do Jewish families celebrate the gift of Shabbat?

We will explore why rest might be important, and investigate the significance of Shabbat for most Jewish families as a time set apart from the rest of the week.

## Computing:

The children will:

- Use Microsoft Word to design and create a ticket to visit their DT project.
- Be able to insert text boxes and graphics and start to make decisions about which graphic they want to use, and organise work sensibly.
- Be able to retrieve work and start to manipulate work based on feedback.

## Maths

This term the children will:

- get a better understanding of how to measure length.
- be learning about mass in the context of kilograms and grams.
- gain experience in measuring temperature.
- will learn how to read, interpret, analyse and construct their own picture graphs with confidence.

## PSHE

Life skills including personal, social, health, spiritual, cultural and economic will focus on **personal safety** and **online safety**.

We will:

- be able to list devices in my house that are connected to the internet and how they are used to communicate and how to use them safely.
- describe and explain rules around keeping my information private.
- know why it's important to be considerate and kind to people online.

## DT

As designers, we will be learning how to design and build a product for a purpose (a circus tent).

We will use our Science learning about materials to select the best materials for our product. We will design, make and evaluate our product

# Curriculum Coverage

## Capture

We will be using CAPTURE in our learning by collaborating. We will be discussing, thinking and contributing to group discussions, responding in class and building on ideas.



## Wray Common citizen

This half term, our assemblies will explore our school value of justice, helping pupils understand what it means to act fairly and treat others with respect. We will be linking this value to the British Values, guiding children to recognise the importance of treating everyone with equality and kindness. Together, we will reflect on how our values at Wray Common help create a fair and supportive community, and how we can show respect for others while standing up against unfairness.

## PE

In Gymnastics and Dance, the children will:

- Explore space and move their body to express different feelings. They will build on their understanding of dynamics and expression whilst keeping in time with the music
- They develop gymnastic skills of jumping, rolling, balancing and travelling individually and in combination to create short sequences and movement phrases.