

## Year 3/4 Topic Overview- Summer 2: Inventions

### English

*In English we will be focusing on non-fiction texts this half term, including writing explanation texts for our own imaginary inventions!*

### Maths

Years 3s will be learning about 2D and 3D shape, and statistics including pictograms and bar charts. Year 4s will also be learning about shape, with a focus on position and direction.

### Science

Our science unit this half term is electricity. We will be learning how to construct circuits, predicting whether a lamp will light within a circuit and beginning to recognise the difference between insulators and conductors.

### History

We will be learning about the history of inventions, including:

- where to place key Victorian inventions on a timeline.
- how inventions impacted Victorian lives and modern lives
- how daily life, homes and culture have changed as a result of Victorian and post-Victorian inventions.

### RE

Our big questions is: Why are some places sacred to some people? We will be looking at the differences between different types of synagogues, and the importance of Mecca as a sacred place in Islam.



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## Computing

In computing we will be programming Crumbles using simple algorithms to make a motor spin. These motors will then turn the carrouseles we are making in DT.

## PE

We are lucky to have cricket coaches coming into Year 3/4 to improve our cricket skills this half term - and of course there is Sports Day to look forward to!

## DT

We will be using a range of tools and equipment to build carrouseles with a mechanical system (a pulley) to make them rotate.

## Music

We will be learning the song *Blackbird* by The Beatles, and also notating rhythms using minims and crotchets.

## PSHE

Our PSHE unit this half term is:

- Managing change- identifying changes in our lives, how and why friendships might change, situations which involve temporary or permanent loss and knowing who can support us through change. We will be thinking about changing class/year group next year, how it makes us feel and how to manage those emotions.

## Spanish

Spanish lessons this half term will consolidate useful vocabulary (fruits, colours, days of the week) and continue with activities based on *La Oruga Muy Hambrienta* (The Very Hungry Caterpillar).