



## Spoken Language:

We are using spoken language and role play skills to act out parts of a story.

## Writing:

We are looking at 'The Lighthouse Keeper's Lunch' and Mrs Armitage on wheels'. We will be looking at some of the vocabulary from the text and re-telling the stories in our own words.

## Engage:

To start our topic, the children are going to be making mustard sandwiches just like Mrs Grinling in 'The Lighthouse Keeper's Lunch' as well as cheese and jam sandwiches

We will become inventors, creating our own invention to solve a problem. They will have a chance to create a prototype for their invention later in the term.

## Maths:

We are looking at measure. The children will be learning about length, using the vocabulary 'longer' and 'shorter', then weight using 'heavier' and 'lighter'.

## Science:

In science, the children will focus on working scientifically. They design and test their own parachutes to drop an egg without it breaking.

## History:

We will learn about significant inventors from history including Leonardo Di Vinci the inventor of the parachute. Alexander Graham Bell the inventor of the telephone.

We are also going to look at the history of the wheel and how it has changed over time.

Inventors and  
Inventions  
Who is a famous  
inventor?

## PE:

In PE, we are learning team games, with a focus on co-ordination.

## RE:

We explore the concept of 'welcoming' in the context of the Christian religion. We also think about how we have felt welcomed or have welcomed others.

## DT:

In DT we will use saws to safely cut wood, creating a model with an axel and wheels.

## Music:

We are focusing on timbre and musical effect, how sounds can be used to create the effects of water. The children will create soundscapes of a thunder storm.

## Prove It:

Children will, design, create and evaluate their own invention.

## PSHE:

Our PSHE unit this term is called 'Healthy Me' where we learn about keeping ourselves healthy.

## Computing:

We look at programming through the use of floor robots, giving them instructions to follow routes.

# Things to explore with your child!

## PE:

Our PE days are Tuesday and Thursday

## Home Learning:

Spellings will also be sent home to practise.

Login details will be sent home for Numbots and online maths game – if you have any problems please go to the school office.

## Reading:

Our expectation is that every child reads 3 times a week at home. Please use the reading diary to record your reading.

They will also read with an adult in school every week.

Encourage your child to complete the Penbridge Reading Challenge.

## Writing:

Read any non-fiction texts they might be interested in.

Discuss any 'inventions' that might be found in your home (e.g. washing machine) and discuss why it is useful.

## Maths:

Practise counting in 1s forwards and backwards from 0-30, then move to on 50.

Practise forming numbers correctly, making sure they are not written backwards.

Practise adding numbers up to 10, making number bonds.

Why not try to use Numbots.

## Science:

We are using our 'working scientifically' skills.

Could the children try testing ideas at home?

## Useful websites:

<https://numbots.com/>

<https://www.phonicsplay.co.uk/resources>

<https://www.topmarks.co.uk/maths-games/hit-the-button>



# HOME LEARNING PROJECT IDEAS

Inventors and  
Inventions  
Spring 2

Take pictures of longer and shorter items or lighter and heavier items from your home.

Research an invention from the past. Record this information however you like.

Research an inventor and make a fact file.

Create your own invention.

Improve an existing invention e.g. smellovision instead of television.

Draw and label an invention from your home.

Carry out a scientific investigation.

Create a photo timeline of how an invention has changed over time e.g. the phone.

Please complete at least one activity to celebrate in the final week of half term.