



Spoken Language:

We are using spoken language and role play skills to interview each other acting as famous inventors.

Writing:

We are writing non-chronological reports about hovercrafts, then writing letters.

Engage:

To start our topic, the children are becoming inventors, creating their 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 learn about significant inventors from history including Leonardo Di Vinci and the inventor of the hovercraft. As part of this, we visit Southsea Beach to watch the hovercraft arrive and depart.

Inventors and Inventions



PE:

In PE, we are learning team games, with a focus on coordination.

RE:

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

DT:

In DT we use saws to safely cut wood, creating a model with an axle 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.

Topic Showcase:

Parents/carers/family members will be invited in to watch a Year 1 assembly. This will take place on Wednesday 27th March at 2:40pm.

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
Wednesday and Thursday

Home Learning:

Home learning will be set on Seesaw, this will be a phonics activity.

Spellings will also be sent home to practise.

You should have log in details – 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 backwards.

Practise adding numbers up to 10, making number bonds.

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 our 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.