

EXPRESSIVE ARTS

LANGUAGES, LITERACY AND COMMUNICATION

HEALTH AND WELLBEING

- To investigate the invention of the telephone – create string telephones and design a smartphone.
- To attempt to waterproof a piece of paper and investigate the Mackintosh
- Design a new invention
- Make an item to sell in school

- Discussion Text – Vaccinations
- Biography – achievers and inventors
- Persuasive text – Dragons den inventions
- Script writing – Pitch for Dragon's Den
- Non-Chronological report – Inventions
- Instructions – To make invention

- Commando Joe – Everest training
- Original football/ rugby skills
- Invent for own game
- Create gymnastics routine

Topic/Theme – Inventors and Achievers

Why? – Where would we be now without inventors and achievers?

- To know how William Wilberforce was influential in the abolition of the slave trade.
- To know how and why Elizabeth Fry improved conditions for prisoners.
- Identify the role of Lord Shaftesbury in the improvement of working conditions for poor children.
- Understand the influence of Florence Nightingale on modern day nursing.

- Popular invention – tally charts – data handling.
- Money problems – Cost of equipment
- Profit & Loss – Authentic learning
- Fractions of amounts
- Converting fractions/ decimals and percentages.

- To identify the steps involved in the scientific method
- Generate suitable enquiry questions and make careful observations about the role of forensic scientists.
- To plan a fair test on the process of testing new medicines
- Conduct a fair test on how muscles moves and speed of reactions

HUMANITIES

MATHEMATICS AND NUMERACY

SCIENCE AND TECHNOLOGY

Year 6 Parent Planner

Spring Term 2021/22

Pentrepoeth Primary School

Our Parent Planner

Our bespoke 'Challenge' curriculum aims to ensure children have a wide range of teaching and learning experiences and activities to enable children to maximise their potential and to support the four purposes as the foundation of everything they learn. This parent planner aims to give you an overview of the main areas of learning and experiences children will focus on in this topic as well as develop and apply their literacy, numeracy and digital competence skills across the curriculum.

How you can help at home

- 10 minutes of reading everyday (Complete reading record once a week)
- Reinforcing spelling strategies with children (5 spelling words every fortnight)
- Supporting Mathletics and Abacus – while also practising times tables
- Chatting through Big Talk homework to support and enhance understanding of topic and increase vocabulary
- Promoting creativity, innovation, thinking, planning and organisational skills through project work
- Discuss safe internet use for research purposes while ensuring your children are safe online

Home Learning

- Create a fact file on a famous inventor
- Create a presentation on a famous achiever
- Create a model invention
- Design and create your own board game
- Draw a portrait of a famous inventor/achiever
- Write a pitch speech for a historical invention as if it were new today

Useful Links

- Maths- Complete tasks set on Mathletics <https://login.mathletics.com/>
- Practise your times tables and division facts on Hit the Button <https://www.topmarks.co.uk/maths-games/hit-the-button>
- Reading- Read some books on Bug Club <https://www.activelearnprimary.co.uk/login?c=0>
- Welsh- Practise your Welsh by playing some games <https://www.learn-welsh.net/welshgames> & Practise your Welsh Placemat on our website
- Explore BBC Bitesize for any additional activities. <https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons>
- Log into Hwb to access Just2Easy <https://hwb.gov.wales/>
- Art – Have a go at the draw with Rob activities <http://www.robbiddulph.com/draw-with-rob>

Who invented money and why are there so many types?

What inventors worked together?

Who invented different sports?

Who made the first telescope?

Who made the first car?

Draw an idea for an invention

Who invented clocks?

First person to make electronics

Make a guitar

Make our own inventions

Research the history of vaccines

Look at the life of Albert Einstein

What would you like to find out about inventors and achievers?

Who invented Google?

Research the Wright Brothers

Look at the life of Barak Obama

Who invented the television

Create a fact file about Thomas Edison

Make clay figures from J K Rowling's books

How were the Pyramids and the Great Wall of China made?

Who discovered the UK?

Who invented the first school?

Paint an achiever

Recreate Leonardo da Vinci's work

Who invented the first vaccine?

Who invented TESLA

Research the work of Henry Ford

Who invented the Nobel prize?

Who invented people?

Make a plane/glider

Invent a way to shelter the Forest School area

History of Apple Technology

Who invented beat boxing?

Timeline of famous inventions

Inventor of the telephone

How did art come to life?

Who invented music?

How are shoes made?

How do people climb Everest?

Who founded Nike?

First person to swim the channel?

How do hand warmers work?

How do computer chips work?