

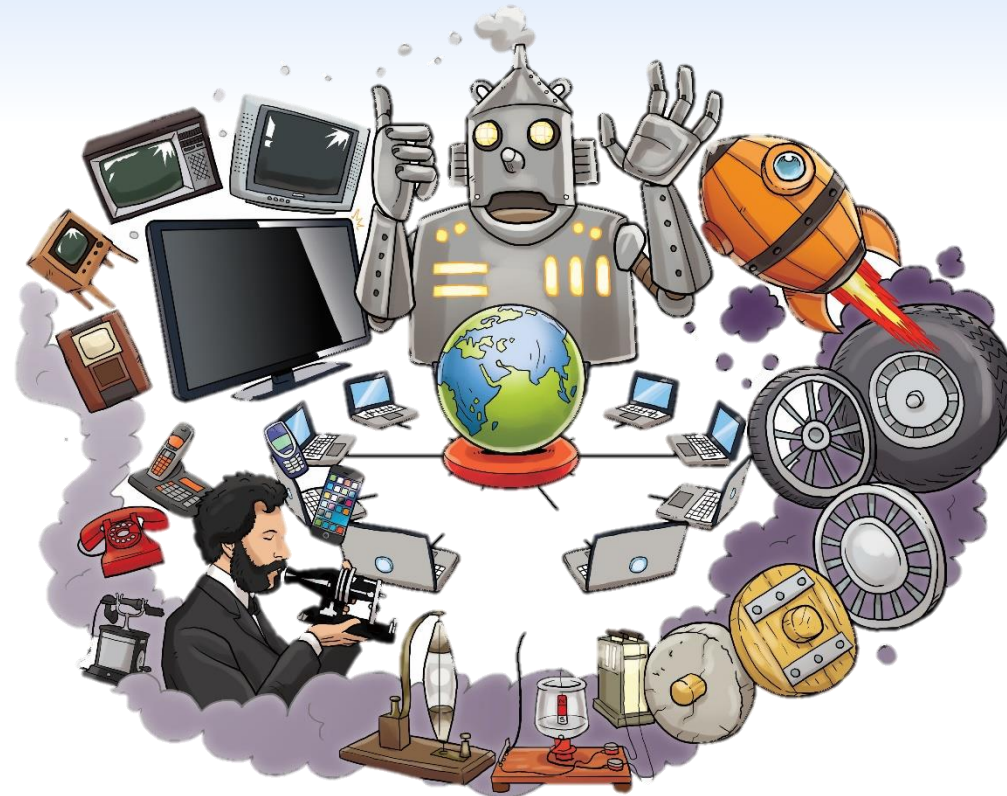


St. Peter's
Catholic Primary School

Cracking Ideas

Key Stage 1, Year A, Spring Term 2

5 weeks



We put Jesus at the heart of everything that we do.

special kind unique inventive
generous awesome gentleness
purity helpful good positive
expressive enjoyable caring
adventurous bouncy zingy
fun truth colourful superb
confident polite compassion
friendly enthusiastic marvellous
comforting nice remarkable
happy magnificent great
meaningful forgiveness
exceptional joy wonderful
interesting creative hopeful
incredible spectacular
original brilliant peace
lovely service outstanding
dynamic amazing
dignity fabulous impressive
beautiful sacrifice
glorious fantastic tolerance
exciting terrific delicious
integrity cool considerate
phenomenal laughing funny
sharing humility loving
energetic smiling captivating
justice encouraging mercy
gracious faithful important
supporting delightful thankful
hard-working tremendous



The aims of our curriculum:

- We aim to be like Jesus the teacher, where all children learn to be good, inquisitive learners, capable of making our world a better place. Like Jesus our shepherd, no child will be left behind.
- We want our children to know more and remember more
- We aim to provide our children with a broad curriculum, rich with cultural capital.
- We aim to teach what is required from the National Curriculum as a minimum.
- We aim to create a curriculum that is teachable, clear and practical where possible.
- We want all of our children to progress so that they can tell us about their own progression in learning.
- We want our children to be able to tell us why they are learning what they are learning.

“And I tell you, you are Peter, and on this rock I will build my church, and the gates of hell shall not prevail against it.”

Matthew 16:18

Our Curriculum Drivers:

Catholic Social Teaching

During prayers after lunch, children will do the Stations of the Cross every other day. Children will complete the activity and locate the theme on a world map, which will be displayed in the prayer area.

<https://cafod.org.uk/education/primary-teaching-resources/lent-resources-for-children>

Our Resilience

We will use the 'Design, Make, Break, Remake' strategy to make an invention, and we will be able to say how our final product is better than our first attempt.

Our Community

We will be the first to make use of the school's new garden as well as use new building resources so that we can model to others how to positively interact with these spaces and resources within our school.

Sustainability

We will use recycled resources to recreate and design our inventions

Diversity and inclusion

We will learn and recognise that inventors can be of all ages, ethnicities and genders and we will celebrate inventors who were pioneers in their fields despite being an age, gender or ethnicity that faced discrimination.

Cracking Ideas:

As Historians, we will:

- Study the lives of significant individuals in Britain's past
- Study the lives of significant individuals around the rest of the world

We will begin by looking at out some amazing and fun 'cracking ideas' inventions from the Wallace and Gromit animations. We will also look at some funny and amazing inventions of a Victorian artist called Heath Robinson.

We will find out about how some of the things we use every day started in the imagination of British scientists, such as:

- The World Wide Web (www) invented by Tim Berners-Lee
- Trains, which began with the steam locomotive invented by Richard Trevithick and the first public railway, built by George Stephenson
- The electric motor, invented by Michael Faraday
- The electric light bulb, invented by Joseph Swan The telephone, invented by Alexander Graham Bell
- The television, invented by John Logie Baird
- The jet engine, invented by Sir Frank Whittle
- Digital computers, invented by Alan Turing during World War II to crack enemy codes
- Computer language, invented by Ada Lovelace for a mechanical computer invented by Charles Babbage
- Dipped headlights, invented by Emily Canham to stop drivers being dazzled
- Searchlights for spotting enemy aircraft, invented by Hertha Ayrton

We will research some of these inventors and consider how they have had an impact on the world.

As writers we will:

- Write labels
- Write lists
- Write captions
- Write instructions
- Present information

As artists we will:

- Draw and paint images of inventions and their inventors. We will also look at some funny and amazing inventions of a Victorian artist called Heath Robinson.

As Scientists we will:

Learn how to work scientifically. We will learn science skills so that we know how to test our hypothesis, ask questions and conduct fair tests so that we can gather information and draw conclusions.

As Designers we will:

- Design, make and evaluate products
- Build structures and use mechanisms
- Investigate our homes, the school and other places to see if we can come up with ideas and make our own inventions that others may find useful.