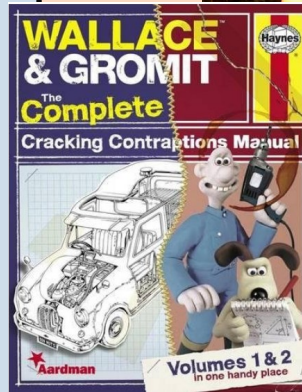


YEAR 3 – CRACKING CONTRAPTIONS

SUMMER 2

English

This term's English learning journeys are inspired by Wallace and Gromit's 'Cracking Contraptions.' Purple Class will have the opportunity to write instructions, explanations and parts of stories. They will be reading non-fiction texts as well as watching short animations to motivate and encourage them to write for a purpose with ambitious and accurate language, structure and punctuation.



Science

In science, students will be experimenting with magnets and magnetic materials. They will explore the following questions: What is a magnet? Where did they first come from? Do magnets need to touch? Can I measure the strength of a magnet? What affects magnets' strength? Can I make a magnet? How are magnets used in industry?

Maths

Purple Class will deepen their understanding of place value and mental addition, subtraction, multiplication and division strategies. They will learn about fractions, money and time. After that, we will be studying properties and names of 2D and 3D shapes.

By the end of Year 3, pupils should know their 2, 3, 4, 5, 8 and 10 times tables off by heart including the division facts too. Keep practising at home!



YEAR 3 – CRACKING CONTRAPTIONS

Design Technology

Design Technology will drive our topic this half term.

Our key question will be: *What are the inventions that have made a difference to the way we live our lives?*

Children will explore a number of inventions that have made a difference to the way we live our lives. They will attempt to explain how they work, before designing and creating their own contraption that includes a shell structure (like a tunnel or a bridge) in their DT lessons.

RE

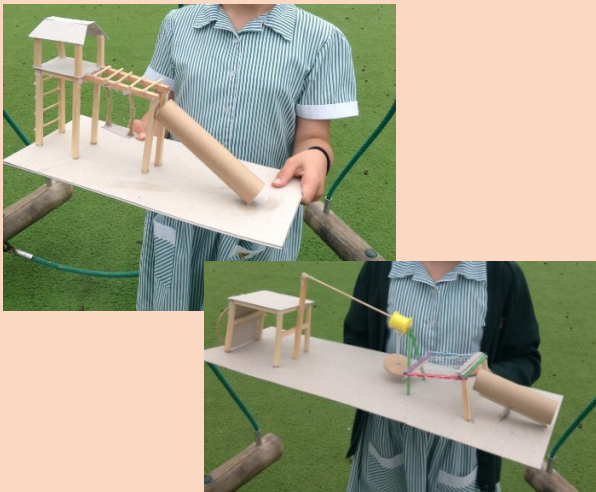
'Belonging' as part of identity with reference to Jewish traditions

Art

Children will continue exploring the artwork and designs of William Morris through a range of creative activities.

Computing

Children will learn about branching databases
Building and using branching databases to group objects using yes/no questions.



Things to do at home or online to complement your child's learning experience:

English

Read books about inventions and inventors. Visit design museums.

Science

Visit the Science Museum in London.

<https://www.dkfindout.com/uk/science/magnets/>

Spanish

Food and ordering in a café.

PE

Athletics, tennis and rounders

Music

Children will explore body and tuned percussion through a rainforest theme. They will develop their understanding of musical structure, rhythm, and melody by performing layered pieces with contrasting rhythms and melodies, working together to create complete performances with multiple musical parts.



Geography

Rainforests- In this exciting topic, children will explore the fascinating world of rainforests, learning where they are found across the globe and why they are so vital to our planet. They will investigate the unique climate, the different layers of the rainforest, and the incredible biodiversity within them.

As part of their learning, children will also explore the challenges facing rainforests today, including deforestation, and discover the actions that can help protect these precious ecosystems for the future.