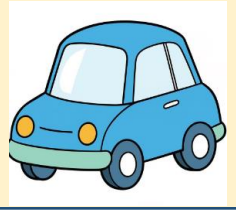
Year 4
Spring 2

DT: Mechanical Systems- Mechanical Cars

We will be learning to:

- Describe key design improvements in the history of the automobile.
- Measure and compare the distance travelled by different mechanical cars.
- Choose and use appropriate tools and materials to make mechanical cars.
- Draw exploded diagrams and annotated sketches of my different mechanical cars.
- Assess the product against the design criteria.



Bolton Music Service: Ukelele

We will be learning to play the ukulele & this will support us to:

- Actively listen to a piece of music played on the ukulele
- Name the parts of the ukulele and know how they are used
- Understand the origins of music we are listening to
- Recognise and read musical notation
- Play some simple chords and explore how strumming the strings has an effect on the sound made
- Recognise music that has a beginning, middle and end
- Explore how music can create different moods
- Recognise dot notation
- Understand and explain the difference between crotchets and paired quavers



Science: Digestion & food chains



We will be learning about:

- simple functions of the basic parts of the digestive system in humans
- Identifying the different types of teeth in humans
- The simple functions of different teeth
- construct and interpret a variety of food chains
- Identifying producers, predators and prey.
- Make observations, take measurements & present findings
- Use scientific language as part of diagrams

Computing: Digital Literacy – Data Handling

We will be learning about:

- Formulas
- Spreadsheets
- Rows & columns
- Creating a graph
- Using SUM
- Selecting appropriate graphs
- Answering questions about graphs



Geography: Countries of the World

We will be learning about:

- World maps, atlases and globes
- Geographical features
- Climate zones
- Human & physical features
- Similarities & differences between the UK & Australia



PE: Orienteering

We will be learning to:

- Follow simple routes
- Solve simple problems
- Work in small groups to create effective strategies for visiting control points
- Complete a simple orienteering course
- Identify locations using a map
- Pinpoint locations using lining up techniques
- Work co-operatively with others in a team
- Identify how to improve a performance

Attacking and Defending

We will be learning to:

- Pass and move maintaining control of the ball.
- Start to show control of equipment when travelling
- Develop and understand rules.
- Make good decisions whilst competing against others.
- Defend and attack an area 1 V 1 or 2 v 2, 2 v 1.
- Demonstrate an awareness of others and space to attack.
- Compare own performances with previous ones and identify areas for improvement.
- Demonstrate resilience when participating in activities.



PSHE & Relationships Education:
The online world: How can we decide what to trust online?

We will be learning about:

- Identify the benefits & challenges of using the internet.
- Identify age restriction symbols & why they exist.
- Develop an understanding that some online information may be misleading.
- Give examples of what can happen if people share misleading information.
- Investigate features that can help check if online information is reliable.
- Compare information from different online sources.
- Use more than one source to decide whether online information is reliable.
- Explain why checking multiple sources helps us know if something is true.

RE: Holy Week

We will be learning about:

- Recognise the word 'Salvation', & that Christians believe Jesus came to 'save' or 'rescue' people, e.g. by showing them how to live
- Offer informed suggestions about what the events of Holy Week mean to Christians
- Give examples of what Christians say about the importance of the events of Holy Week
- Make simple links between the Gospel accounts & how Christians mark the Easter events in their communities
- Describe how Christians show their beliefs about Jesus in worship in different ways
- Raise questions & suggest some answers about why Christians call the day Jesus died 'Good Friday', giving good reasons for their suggestions.

Spanish: My Family

We will be learning to:

- Express who we live with
- Use 'my' for possession
- Develop sounds and blends
- Extend sentences using conjunctions
- Write simple words and phrases from memory
- Read simple sentences in the target language.
- Explore poetry in the target language



UNCRC Articles

Every child has the right to:

- Article 13: receive all kinds of information
- Article 16: privacy
- Article 29: an education that develops their personality, talents and abilities to the full
- Article 30: learn and use the language, customs and religion of their family

British Values



Every child will develop:

- Their ability to recognise the difference between right and wrong, readily applying this understanding in their own lives and, in so doing, respecting the civil and criminal law of England
- A sense of enjoyment and fascination in learning about themselves, others and the world around them
- Their acceptance and engagement with the fundamental British values of: mutual respect and tolerance of those with different faiths and beliefs