Year 5
Summer 1

DT: Electrical Systems: Doodlers

We will be learning to:

- Identify simple circuit components and explain their functions.
- Suggest ways to switch the form and function of different doodlers.
- Create a functional doodler that scribbles on paper.
- Explain the steps to assemble a doodler.
- Write instructions to build a working circuit.
- Evaluate peer's work after testing the effectiveness of their instructions.

Music: Song Ingredients



We will be learning about:

- Sing & perform in rounds & two-part harmony
- Explore how melodic lines interact in rounds, unison, & harmony structures
- Identify scalic patterns & intervals, including stepwise motion, leaps, & chords
- Develop an understanding of the C major scale Recognise the difference between major & minor chords & how they affect musical mood
- Improvise & compose short melodies
- Use tuned percussion & voice to compose and perform
- Explore & perform musical accompaniments using drones, basslines, & chord progressions
- Create short songs
- Compose & notate original class jingles or songs Perform confidently as an ensemble

Science: Separating mixtures & changing materials

We will be learning about:

- How some materials dissolve in liquid to form a solution
- How to recover a substance from a solution
- To use knowledge of solids, liquids, and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- To demonstrate that dissolving, mixing and changes of state are reversible changes
- To explain that some changes result in the formation of new materials

Geography: Village Settlers

We will be learning about:

- The needs of early settlers & origins of place names
- Settlements & reasons for their original siting
- Mapping symbols
- How settlements are connected
- Conducting fieldwork to design a map of a local village (Edgworth)
- Designing a village settlement influenced by physical features

Computing: Digital Literacy



We will be learning about:

- Features of a good page design
- Selecting tools to add effects to work
- Formatting & layout choices
- Suitability of audience & purpose
- Deleting, inserting & replacing text & images
- Designing & evaluating a 3D model
- Effects of camera angles, light & shading when filming
- Exporting & embedding videos

PSHE & Relationships Education:
Citizenship 1: How can we make a difference in our communities & beyond?

We will be learning about:

- What class promises are & links to the United Nations Conventions of the Rights of the Child, our responsibilities within this community - school ethos & values.
- About valuing diversity & the different skills needed to resolve conflicts between culture groups.
- The roles of voluntary groups & charities.
- The role of the school council & taking an active role in discussions.
- How national & international charities roles vary & why they are important.
- How differences between cultures can cause conflicts & how to overcome this conflict.
- The needs of the global environment & the impact of consumer choices (Fairtrade)
- The importance of helping others to achieve their goals at home & abroad

RE: Muslim Faith & Practice

We will be learning about:

- Recall the five pillars of Islam & why they are important to Muslims
- Recognise the importance of fasting & celebrating Eid ul Adha
- Identify why people go on a pilgrimage to Makkah during Hajj & celebrate Eid ul Adha
- Give evidence & examples of how Muslims put their faith into practice in different ways
- Consider the value of submission, obedience, generosity, self-control & worship in the lives of Muslims & everyone today
- Describe ways in which Muslim sources of authority guide how they live e.g. the Qur'an, the five pillars etc.

British Values
Every child will develop:

- their ability to recognise the difference between right and wrong
- their social skills in different contexts, including supporting, working and socialising with learners from different religious, ethnic and socio-economic backgrounds
- a willingness to participate in a variety of community and social settings, including by volunteering, co-operating well with others and being able to resolve conflicts effectively
- an interest in exploring, improving understanding of and showing respect for different faiths and cultural diversity

UNCRC Articles

Every child has the right to:
Article 13: seek and receive all kinds of information, as long as it is within the law
Article 14: think and believe what they want and to practice their religion, as long as they are not stopping other people from enjoying their rights
Article 15: meet with other children and to join groups and organisations
Article 24: the best possible health including clean water and environment.

PE: Competitive Sports

We will be learning to:

- Defend an area or a goal as a team when faced with an overload of opposition
- Attack an area or a goal as a team when faced with an overload of opposition
- Attack an area with an overload
- Create, share and apply ideas of how to attack with an extra player
- Make suggestions of way to combat the opposition having an extra player
- Identify and apply ways to improve performances and adapt strategies and tactics
- Demonstrate resilience when participating in activities
- Play with confidence and know when/where to take risks.



Tactics and Strategy

We will be learning to:

- Identify skills that are transferable to other sports/activities
- Recognise what works well and what changes would need to be made to improve performance
- Attack an area 3 V 3 or 4 v 4 using a plan
- Recognise skills that are important to the game and apply where necessary.
- Recognise different responsibilities within formation when competing as a team.

Spanish: Mi Familia

We will be learning to:

- Describing who you live with and their name.
- Exploring using quantities (and) and number.
- Development of 'my' in both singular and plural use.
- Talking about where you live (types of homes)
- Describing what it is like inside your home.