



## Year 5 Curriculum Newsletter - Term 2A.

### English:

Reading: We will be having four reading sessions each week where we will focus on reading the text and answering questions based on the following content domains: vocabulary, retrieval, summarise, inference, prediction, sequencing, word meaning and comparison. The novel that we will be focussing on will be Hitler's Canary.

Writing: In English this term, we will be studying the text, 'The Errand' by Leo LeFleur. From this vehicle text we will be following the cycle of immerse - analyse - plan - write and edit. We will be writing a cliffhanger narrative for our fiction writing and an instruction manual for our non-fiction report.

Spelling: As part of our spelling lessons this term, we will be focussing on the following rules:

Unit 6 - words ending in -ent

Unit 7 - words ending in -ence

Unit 8 the ee sounds ei.

### Mathematics:

In Maths this term we will be focussing on the following topics: measurement (perimeter) and multiplication and division.

### Science:

Our Science topic this half term is Properties and Changes of Materials. As part of this topic, children will be taught to:

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.
- demonstrate that dissolving, mixing and changes of state are reversible changes
- explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

### Religious Education:

Our Religious Education topic this half term is, 'Why do Christians believe Jesus was a great teacher. **The aim of this unit is to** emphasise Jesus' skills as a great teacher and carefully consider the messages of the parables and how they impact on the lives of practising Christians.

We will focus on 4 key questions:

- Why did Jesus tell this story?
- What can we learn from this story?
- How does this story help us to understand Christian beliefs?
- How does this story impact on the lives of believers?

### Geography:

Our Geography topic this half term is Migration.

We will be learning:

- Danielle's migration story
- Why do people migrate?
- Semra's migration story
- Refugees
- How does migration change places?
- Does it matter where we live?

### History:

Our History topic this half term is Rivers.

We will be learning:

- Strange oars on the Trent: Mercia falls
- Early Viking raids
- Wessex alone
- Three surprises and a wedding: Mercia and Wessex unite
- Rebuilding Mercia

### Physical Education:

In PE this half term we will be doing Gymnastics. Our PE day this half term will be on a Wednesday.

### Music:

In Music this half term we will be focussing on how to 'Listen and Appraise'. The song we will be studying is The Fresh Prince of Bel Air. We will think about the vocal line, the texture, the tempo and the dynamics of the song.

### Design Technology

This half term we will be following the process of design, make, evaluate, looking at electrical systems and creating doodlers.

We will be able to:

- Identify simple circuit components (battery, bulb and switch) with a basic explanation of their function.
- Explain that a series circuit is assembled in a loop to allow the electricity to flow along one path.
- Describe a motor as a circuit component that changes electrical energy into movement.
- Provide examples of motorised products that use movement to rotate or spin different parts.
- Remove and replace different parts of a Doodler, as part of a team.
- Suggest ways to switch the configuration to amend the form or function of the Doodler.
- Explain, in an investigation report, each of the changes they made and the effect this had on the Doodler's ability to draw scribbles (function) and appearance (form).
- Develop design criteria with consideration for the target user, the purpose of their Doodler, a key function and the Doodler's form and final appearance (eg. fun, bright, soft).
- Explain simply why their Doodler has a certain configuration based on the findings of their investigation (eg. I used four pens because the Doodler would fall over with two).
- Create a functional Doodler that creates scribbles on paper with or without a switch.
- Identify and list each of the required materials, tools and circuit components required to build a Doodler.
- Explain simply the steps to assemble a Doodler as part of a set of instructions (or storyboard).
- Write instructions to build a functional circuit, explaining how to identify if it is functional or not.
- Provide suggestions to improve a peer's set of instructions after testing how effective they are at guiding someone.

### Computing

Our computing topic this half term is Information Technology: introduction to spreadsheets as well as our weekly E-Safety messages.

## PSHE - JIGSAW

Our JIGSAW topic this half term is Dreams and Goals. Our six JIGSAW pieces this half term are:

When I Grow Up (My Dream Lifestyle)

Investigate jobs and careers

My Dream Job: Why I want it and the steps to get there

Dreams and Goals of Young People in Other Cultures

How Can We Support Each Other?

Rallying Support

### Dates for your diary:

This half term, we will be acknowledging the following 'theme'/national days:

- NSPCC Number Day Friday 2nd February
- HMRC Tax workshop
- Anthony Walker Foundation Assembly
- CENSUS day - special lunch

### Church visits:

This half term, we will be