

Science – States of Matter

In this unit of work, pupil will know

- The different states of matter – solids, liquids and gases
- How to group materials together according to their state of matter.
- The properties of gases and will be able to identify them.
- To explore how materials can change state.
- That materials change state when they are heated or cooled.
- The temperature at which materials change state.
- How to measure the temperature at which changes occur in degrees Celsius (°C).
- The part played by evaporation and condensation in the water cycle.

RE

- **Community:** The children will engage with how it feels to be part of a community, understanding that community is an essential and enjoyable part of life for people of every age and faith. This will be connected with the Church's celebrations, as these are communal events. This will be identified by exploring the habit of going to Sunday Mass, as this is time to remember how much there is to celebrate
- **Giving and receiving:** The children will know how to compare ideas about the importance of self-discipline. They will know when we celebrate the Eucharist Jesus gives himself to us in Word and Sacrament. We are called to follow the example of Jesus by giving ourselves to others in the world.
- **Self-Discipline:** The children will engage with the significance of self-discipline in the light of Lent, knowing that Lent is a season when Christians practise both giving, and giving things up. They will know that this is a way of showing our love and care for Jesus, as he pursues His path towards His crucifixion. In learning about this, the children will know the significance of having self-discipline and how this encourages one to think more about the need to give whole-heartedly to others

PSHE: Created and loved by God

- Know their own feelings, likes and dislikes.
- Know and understand that choices have consequences.
- Know and demonstrate empathy when discussing the feelings/actions of others and have a deeper level of understanding about how we can forgive others because God

PE: Basketball

In this unit of work, pupils will know how to explore how to apply the principles of attack vs defence, with a particular focus on passing and moving, dribbling and shooting. Pupils will learn how to keep possession and eventually score in order to win a modified game.

Gymnastics – Symmetry and Asymmetry

In this unit of work, pupils will know how to explore movements and balances in symmetrical and asymmetrical ways. Pupils will know how to create sequences starting with their symmetrical balance on apparatus, moving out of it and travelling to a new piece of apparatus and ending in their asymmetrical balances applying flow.

DT:

- Know how to analyse and evaluate different electrical products (Ref 2).
- Know how a circuit works within a torch.
- Know how to design a torch to fit a set of specific user needs (Ref 3).
- Know how to make a torch using the design criteria (Ref 4).
- Know how to make a torch using my design, with a working circuit and a switch.
- Know how to explore and evaluate my finished product. KSH – Kind, specific, helpful.

Maths

- Know multiples of ten.
- To know related multiplication problems.
- To know and compare multiplication sentences.
- To know how to multiply a two digit number by a one digit number.
- To know how to make links between multiplication and division.
- Know how to divide a 2 digit number by a 1 digit number (including remainders).
- To know how to multiply using 'scaling'.
- To know all possibilities for solving a problem.
- Check answers to calculations using the inverse.

English:

Fiction: The children will know a range of genres, looking at their features and structure, leading on to planning, writing and editing their own version. The children will be using George's Marvellous Medicine to know how to write to a narrative with a familiar setting.

Non-fiction: In the second unit, children will know how to write a non-chronological report based on our History unit on the Vikings.

French:

- Know the words for different colours in French.
- Know how to pronounce the names of colours correctly
- Know and understand basic grammar appropriate to the language being studied: Verb – est (is) Conjunction – et

Computing:

The children will be learning how to programme using Scratch. They will learn how to turn commands into algorithms. They will use the algorithms to create code snippets to draw numbers, letters and shapes and will go on to use this learning to draw repeating shape patterns.

Music: Musical history- Baroque Period:

The children will learn what Baroque music is and compare it to other genres of music that they have learnt about. They will be building on their knowledge of major and minor keys and how these impact a piece of music through changing its mood. They will then be introduced to violins and will learn how to play major and minor keys and will use these to create a piece of music with a particular mood.