



Year 1 Spring 2

Knowledge Organiser



Science Materials

We will be learning how to group and classify materials. We will be looking at different objects and finding out what material they are made from. We will be experimenting with objects to find out if they will float or sink. We will be looking at objects to see if they are see opaque or transparent.

Key Knowledge

- To sort different materials into their properties.
- To identify what materials make an object.
- To test transparency of materials.
- To investigate whether a material will float or sink.

Key Vocabulary

- plastic
- wood
- metal
- rock
- paper
- glass
- bendy, flexible
- waterproof, float, sink
- absorbent, transparent, opaque

Design & Technology Puppets

In DT we will be developing our textiles skills to create a handheld puppet.

Key Knowledge

- We can add details to a design to improve its appearance.
- Fabric is natural or man-made material.
- Glue is a sticky liquid that can join two things together.
- A model is a practice version.

Key Vocabulary

- design
- equipment
- glue
- template
- technique
- method
- inspiration
- safety pin

Geography Locational and place knowledge

We will be using aerial photographs to find Human and Physical features in Middlewich. We will be making a map of our school and using basic symbols to locate key features.

Key Knowledge and Skills

- To look at aerial photographs and plan perspectives to recognise landmarks.
- To look at aerial photographs and plan perspectives to recognise human and physical features.
- To devise a simple map.
- To use and construct basic symbols in a key.

Key Vocabulary

- aerial
- landmark
- human
- physical
- key
- map

Music

We will be listening to classical music this half term.

We will be looking how animals move and sound and compare their movement to different types of music.

Key Knowledge

- Pitch means low or high note sounds.
- Timbre means the quality of a sound; that different instruments will sound different when playing the same note.
- Music has layers called 'texture'.

Key Vocabulary

- pulse
- pitch
- dynamics
- rhythm tempo
- structure
- celeste
- texture
- timbre

Art - Sculpture

We will be using a range of materials creatively to design and make a pinch pot. We will be looking at different designs and replicating them or adding our own ideas to make our own pot unique.

Key Vocabulary

- sculpture
- materials
- clay
- roll, pinch, stretch, press
- three dimension

Key Skills

- To explore different sculptures.
- To design a pinch pot.
- To roll, pinch and squeeze the clay to make a pinch pot.
- To use tools to add pattern and detail.

Computing - Spreadsheets.

We will be collecting data and using it to make spreadsheets. We will be finding out how to manipulate the text and colour. We will be also be adding pictures to our spreadsheets.

Key Vocabulary

- data
- technology
- algorithm
- spreadsheet
- cell
- table

Key Knowledge

- A spreadsheet is an electronic way to store and organise data.
- Data is a collection of information.
- Cell - An individual section of a spreadsheet grid. It contains data or calculations.
- Equals - This symbol can be used in 2Calculate to find the answer to a calculation.

RE—Knowledge, enquiry and skills

- Identify 4 aspects of how Christians celebrate Baptism.
- Identify 4 aspects of how Christians celebrate Easter.
- Explain why Baptism and Easter is important to Christians.

Key Vocabulary

- Easter
- Baptism
- Christening
- Christians
- Good Friday
- Easter Saturday
- Easter Sunday

Key knowledge

- Christians celebrate Easter.
- Good Friday, Easter Sunday and Easter Monday are special days in the Christian calendar.
- Easter is important because it is when Jesus rose from the dead and took his place in Heaven with God.

Other relevant information this term

- **PE** - PE lessons will generally take place every Friday but please ensure named PE kits are in school every day. This half term our focus will be Fundamental Skills
- **English** - We will be reading 'The Three Little Pigs', 'The Friendship Bench' and 'Jack and the Beanstalk'.
- **Maths** - We will be ordering, adding, subtracting and comparing numbers to 50.
- **PSHE** - Our focus will be on Health and Wellbeing; we will discuss how we are all different and we will not all like and dislike the same things.
- **Spelling** - We will be following Little Wandle's program of spelling.
- **Homework** - Please ensure that children read 5 times per week and complete their weekly phonics homework. Please also encourage them to complete activities from the homework activity grid also.