

## Muck, Mess and Mixtures – Autumn 2

This curriculum newsletter provides an overview of your child’s learning in year 2 for Autumn term 2.

Our topic is ‘Muck, Mess and Mixtures’. Let’s get messy! Dive in and get your hands and feet mucky. This topic focuses on Art and Design, DT and Science.



### Science

#### As scientists we will

- Work scientifically
- learn about mixtures and how they work
- explore liquids that do not mix
- explore melting and changing state
- compare the suitability of a range of materials for particular uses
- investigate the shape of bubbles.
- make mixtures and see how they work.
- **Perform simple tests in class.**

### PE

#### As athletes we will

- be determined to improve our skills
- develop throwing for distance
- describe how the body feels during exercise
- identify good techniques
- learn how to jump and land with control
- link running and jumping movements with control and balance
- work collaboratively with others
- balance and coordinate when running at different speeds in different directions
- have good technique when throwing towards a target
- defend space on a court
- hit a ball over a net
- throw accurately to a partner
- learn how to score points and remember the score
- be a good sportsman when playing against an opponent

### English

#### As writers we will

- study a ‘Power of Reading text’ which we keep a surprise for the children. We will use this as a stimulus for writing to inform.
- We will learn about the features of instructions and how to write them.. We will also learn about the features of a letter and will write in role of a character. We will also write an invitation for an event. We will also:
- learn about adjectives, expanded noun phrases, suffixes, conjunctions and imperative verbs
- have weekly spellings to learn and complete a quiz to consolidate.
- practise our sounds, tricky words, blending and segmenting in daily phonics sessions
- continuing to embed CFFS – capital letters, finger spaces, full stops, does it make sense?

#### As readers we will

- respond to our ‘Power of Reading’ text in different ways such as make predictions, make inferences, sequence the story, look at vocabulary and retrieve information.
- have daily phonics sessions to focus on new sounds and improve our reading.
- participate in guided reading sessions to respond to a text.

### Art & DT

#### As artists and designers we will

- Develop art techniques—mixed media, colour mixing.
- Use marbling paints
- Manipulate malleable materials
- Find out about similarities and differences in shape, colour and subject matter
- Investigate Jackson Pollock and splatter art.
- Working safely and hygienically
- Comparing different brands of the same item
- Select appropriate tools
- Discuss how to improve a product

### RE

#### As theologians we will answer the main question:

**What does the nativity story teach Christians about Jesus?**

- Learn the nativity story.
- Invite the local vicar to explore advent with the children.
- Find out about charity projects and the Salvation Army.

### Maths

#### As mathematicians we will

- Follow the White Rose units of Subtraction, Money, Multiplication and Division
- Count in 2s, 3s, 5s and 10s and practise solving missing number sequences to recognise patterns.
- Subtract 2-digit numbers using concrete resources and pictorial representations.
- Recognise coins and notes including £ and p sign.
- Add and subtract money including giving change
- Make amounts of money using a range of coins
- Recognise the multiplying and dividing sign.
- Make and add equal groups..
- Make arrays and doubles.

Also we will practise counting in 2s, 5s 10s and 3’s to help our fluency and mental maths skills.

### Computing

#### As computer scientists we will

- Capturing and changing digital photographs for different purposes.

### Learning for Life

#### As individuals we will

- Have a child of the day
- Learn about our feelings and ways of sharing and showing our emotions for the feelings scared, afraid, angry and having self-control
- Learn about dangerous substances
- Learn about mental wellbeing and bullying

<p style="text-align: center;"><b><u>Music</u></b></p> <p><b><u>As musicians we will</u></b></p> <ul style="list-style-type: none"><li>• Follow the Music Express scheme of music and will be learning about Seasons.</li><li>• Be singing with expression, paying attention to the pitch shape of the melody.</li><li>• Be using sign language in a song.</li><li>• Be accompanying a song with vocal and instrumental ostinato.</li><li>• Be identifying rising and falling pitch.</li><li>• Be performing a rising pitch sequence in a song.</li><li>• Be listening and responding to pitch changes with movements.</li></ul>	<p style="text-align: center;"><b><u>Online Safety</u></b></p> <p><b><u>As computer scientists we will</u></b></p> <ul style="list-style-type: none"><li>• Investigate online relationships</li></ul>		
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