

# YEAR 5 NEWS



January/February 2018

## Mathematics

This year in Maths, the children will be working on groups of objectives linked to the following strands of Maths:

- **Number and Place Value**
- **Addition and Subtraction**
- **Multiplication and Division**
- **Fractions and Decimals**
- **Measurement**
- **Geometry (Shape and Space)**
- **Statistics (Data Handling)** Pupils in year five will begin by developing their understanding of multiplication and division. They will learn the formal column method for solving multiplication questions and the bus-stop method for solving division questions. They will complete the half term by learning about fractions and decimals. Pupils will deepen their understanding on converting between the two and then move onto adding and subtracting fractions, recognising mixed and improper fractions and solving problems up to three decimal places. A greater emphasis has been placed on maths mastery this year and children will have many opportunities to develop their fluency, reasoning and problem solving skills throughout each strand of maths. These can be found colour-coded in their maths books. **You can help your child with their maths by talking about the concepts they have learned that day. Remind them how important it is to learn parts of maths by heart, such as times tables and number bonds.**



## LITERACY

This half term pupils will be reading and producing work based around 'Street Child' by Berlie Doherty. This historical text is a fictional account of the experiences of Jim Jarvis, a young orphan who escapes the workhouse in 1860's London and links perfectly to the topic work with the same name. During this unit, children will be wearing different coloured thinking hats to consider different characters' points of view in the text. Children will then use this knowledge to write a successful balanced argument, considering both opinions, before stating and justifying their own opinion during a class debate. Later in the half-term, they will be writing their own persuasive letter to encourage Mr Big to help Jim's family.

**Remember, you can help your child with their learning by discussing activities that they have carried out during the day's lesson. Encourage them to read every night, listening to them and asking questions whenever possible.**

### Key vocabulary:

Fiction, orphan, workhouse, character, historical, thinking hats, balanced argument, opinion, debate, justify, play script, stage directions, performance.

## Topic

### Topic: Halifax A History - Street Child

As you are aware, the curriculum subjects of History, Geography, Art and Design Technology are taught through topic work. This half term, the Year 5 children are going to be gaining greater knowledge of Street Child, their Literacy text. Lessons will be linked to the story and the history of Halifax. During this unit they will be using a map of Hebden Bridge and their knowledge of co-ordinates to identify various landmarks. Children will be taking a trip into Hebden Bridge Town Centre to see these landmarks for themselves and to learn more about their history. During the half-term, children will also have the opportunity to learn about a local artist – Carrie McKenzie – and will mirror her artistic techniques whilst painting a picture of the local environment.

**If you have any books, photographs or DVDs about Halifax or the local environment and its past which could be used as a stimulus for the children it would be great if they could be sent in to school. As an introduction to the topic, you could talk at home with your child about Halifax and your memories of living in the town.**

An open afternoon will be held for both Year 5 classes on **Thursday 1st February** - keep an eye out on the school newsletter for more details nearer the time!



This half term Year 5 will be studying the topic 'Forces'. Throughout this unit, children will be identifying the effects of air resistance, water resistance and friction, which act between moving surfaces. Children will develop their understanding around mechanisms, which will help them recognise that some levers, pulleys and gears allow a smaller force to have a greater effect.

### Key Vocabulary:

Forces, gravity, air resistance, water resistance, friction, mechanism, lever, pulley, gear, surface.

Other curriculum areas...

PE – Gymnastics, Net and Wall Games

RE – Holy Words

PSHCE – Drugs and Volatile Substances

Music – Musical Processes

ICT – Research and Images

**IMPORTANT  
INFORMATION**Upper Site

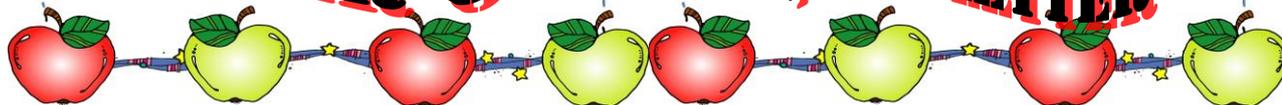
Mrs Cawthra - KS1 singing club  
 Mrs O Shea - KS1 homework club  
 Miss Thompson - ICT club (lunchtime)  
 Mr Heppenstall - football club  
 Mr Wardman - ICT club  
 Miss Taylor - 24 maths club (lunchtime)  
 Mr Mayfield - board game club  
 Mrs Mann- KS2 homework club (Monday after school 3.15 - 4.30)  
 Mrs Main - invitation only reading club (Tuesday lunchtime)

Lower Site

Mrs Brierley - KS1 singing/music club  
 Miss Crowther - KS1 book fun club  
 Mrs Cotton - lego club  
 Miss Bedford - ICT club  
 Mrs Crowther - reading club  
 Mr Sheppard - sports club



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**YEAR 6****NEWSLETTER****Literacy**

We will be spending the first few weeks of the half term completing our literacy unit linked to 'Go Orange for Orangutans', moving from biased to balanced arguments, with a focus on whether animals should or should not be kept in zoos. Following the completion of this unit, we will be moving on to a new unit linked to 'Macbeth' by William Shakespeare. Through this unit, we will be completing drama activities to perform aspects of the play, adding actions and sound effects to make our performances more successful. We will also be developing our knowledge of imagery to describe the heath scene where the witches are first introduced. The unit will culminate by writing a diary entry from Macbeth's point of view, following the banquet when he sees Banquo's ghost.

**Remember, you can help your child with their learning by discussing activities that they have carried out during the day's lesson. Encourage them to read every night, listening to them and answering questions whenever possible.**

Key vocabulary:

Balanced argument for against point of view justify  
 Macbeth play act scene imagery describe diary



This year in Maths, the children will be working on groups of objectives linked to the following strands of Maths:

- Number and Place Value
- Addition and Subtraction
- Multiplication and Division
- **Fractions and Decimals**
- Measurement
- Geometry (Shape and Space)
- Statistics (Data Handling)

This half term, pupils in Year 6 will be extending their knowledge of the written methods of multiplication and division to developing a greater understanding of fractions, decimals and percentages. Through this unit, children will be recognising and using fractions of shapes and numbers, finding equivalents, calculating with fractions and comparing and ordering fractions. They will then look to find decimal and percentage equivalents of fractions, before reading, writing, ordering and comparing decimals to different numbers of decimal places. We will then be extending this knowledge to ratio and proportion, where children are required to calculate percentages, apply scale factors of shapes and to answer word problems involving all the taught areas.

### Topic – Shakespeare

As you are aware, the curriculum subjects of History, Geography, Art and Design Technology are taught through topic work. This half term, the Year 6 children are going to be learning about William Shakespeare. We will be finding out about Shakespeare's life and works, and using this information to write a biography about Shakespeare's life. We will also be finding out what life was like during Elizabethan times when Shakespeare was alive. Through literacy and topic lessons, children are going to be reading one of Shakespeare's most famous plays, Macbeth, and carrying out drama and written work based on key parts of the text. Children will also be using charcoals to create their own artistic interpretation of the witches on the heath scene. This unit will culminate with children working in teams to script their own version of Macbeth, before considering props, costumes and sound effects that could be combined to create a performance of the play. **If you have any books, DVDs or costumes/props linked to Macbeth, or the life of Shakespeare, that could be used as a stimulus for the children, it would be great if they could be borrowed. As an introduction to the topic you could talk at home with your child about William Shakespeare and his plays.**

### Science

This half term, Year 6 pupils will be completing a science topic based on Electricity. During this unit, children will begin by identifying common household appliances that run on electricity. They will extend this knowledge to creating circuits, identifying and naming the components that they include and using circuit symbols to draw accurate circuit diagrams. Children will also use electrical components to construct simple series circuits, investigating whether a lamp will light or not and how to alter circuits to change a lamp's brightness.

#### Key vocabulary

battery cell lamp buzzer switch component  
series parallel appliance  
circuit symbol brighter dimmer complete incomplete



### Other Curriculum Areas

PE – Gymnastics and Invasion Games

RE – Holy Words

Music – Musical Processes

ICT – HTML and Web Pages

PSHCE – How drugs affect us



## NOTICES

### Important Information

In the lead up to the SATs in May, additional intervention sessions will be carried out by class teachers, teaching assistants and other adults.

These sessions will be based around spelling, punctuation, grammar, comprehension skills or maths with the intention to plug gaps in knowledge and extend understanding towards the increased age related expectations, which pupils will be tested on. These sessions may sometimes replace topic lessons which would ordinarily take place.

As the SATs are approaching, it is important that children are completing all homework tasks each week as the set activities are intended to consolidate and extend work completed in class. Homework books will go out on a Thursday evening and are due back on a Tuesday. Thank you for your support with this.



### Lower Site

Mrs Brierley - KS1 singing/music club

Miss Crowther - KS1 book fun club

Mrs Cotton - lego club

Miss Bedford - ICT club

Mrs Crowther - reading club

Mr Sheppard - sports club

### Upper Site

Mrs Cawthra - KS1 singing club

Mrs O Shea - KS1 homework club

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