

## How you can help at home

### Reading

Please read as much as possible with your child. Just 10 minutes a day can make a huge difference. Read anything that interests your child - please don't just read their reading book. **Reading books** will be changed when necessary.

Children in Years 3 and 4 can change their **Library** book on a **Tuesday** dinner time. Please make sure they bring it into school.

### Number Facts

This term we are working on:

We will be tested on all of our times tables up to 12 x 12.

There is a focus this term on the 11 times tables.

*Please practise these at home as much as possible.*

### Spellings

There is a test each Friday and new spellings to be learnt are also given out on a Friday. Examples of tricky words and spelling patterns are available in the personal organiser.

### Maths

Mathematics tasks are set online each week to consolidate and extend learning. Your child can also practice their mental calculations against children around the world! Login details are in personal organisers.

### Travelling Bears

Going away somewhere special? Pick up one of the seven travelling bears and take it on holiday. Share with us where you've been and help improve the geographical knowledge of children at the school.

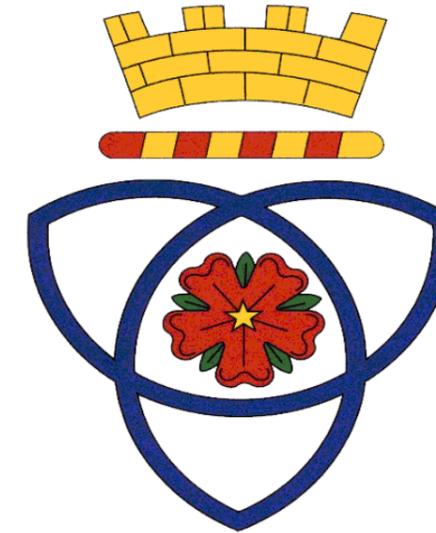
### Handwriting

Practising handwriting using the school's policy helps children develop fluent, accurate and neat handwriting. Please see the website for more information.

### Learning Log Activities

A range of activities are set each half term related to the learning taking place in the classroom. The tasks are set as consolidation and enrichment activities. Learning Logs are handed out at the beginning of each half term.

Children choose a minimum of 5 activities to complete over the half term. The learning log is to be returned to school on the final week of the term. However, teachers may ask children to bring them in at regular intervals to check progress children are making.



# Half Termly Overview

Year 4 Spring 1 2018

## Reminders

### Absence

Please contact the school as soon as possible to report an absence of any reason.

### School Uniform

Please ensure your child wears the correct uniform every day. Children must wear 'plain black' shoes or trainers with no other colours on them.

### PE Kit

PE kit consists of a plain white T-Shirt (with or without the school logo); Navy/Black Shorts; Dark coloured tracksuit (outdoor); Suitable footwear – pumps (indoor) /trainers (outdoor). PE kits should be stored in an appropriate bag (Such as a drawstring bag) that can be hung up in the cloakroom area. PE kit must be available every day because the day(s) your child has PE may change each week. Please keep PE kit in school and only wash at the end of each half term.

### Dinners

Now cost £2.10 per day for KS2 pupils or £10.50 per week.

### Online Payments

Payments for dinners, trips and other activities can be made online using the School Gateway. If you have any problems, please contact the office.

### Water Bottles

School water bottles are available for £1 from the school office. No other water bottle is allowed.

### Equipment

All equipment is provided by school. Please don't send pens, pencils, pencil cases...etc.

### Extra-Curricular Clubs

All after school clubs finish at 4pm. Please let us know if your child doesn't want to continue as we usually have long waiting lists.

### Emails

Remember to check your emails, we like to send plenty!

Dear Parents/Carers,

This term we will be taking part in some exciting Scientific activities. We will focus on states of matter, the water cycle and electricity and magnetism. We will explore, experiment and much more!

## What do we know about Science?

### Science

In our topic we will identify states of matter as solids, liquids and gases. We will understand that matter can change state. The children will explain why electricity is useful and compare the past to the present. The children will make circuits and conduct scientific experiments. They will learn about safety around electricity and pretend to be an apprentice electrician. They will learn about magnets and take part in a 'Scrap Yard Challenge!'

How is electricity useful to us?

Can I classify solids, liquids and gases?

Can I explain what happens in a circuit with a longer wire?

Why do puddles disappear?

Why have we become so dependent on electricity?

Art / D&T  
We will build a burglar alarm using our knowledge of electricity.

How can we sort magnetic and non-magnetic materials?

### English / Maths

We will learn about the Water Cycle and create a non-fiction text. A written piece will be made about the importance of electricity and the safety aspects of using electricity. We will write instructions for making electrical circuits. We will also write explanations and evaluations for our experiments. In maths, we plot and create graphs for the data and observations that we collect in experiments.

### Music

- To recognise instruments by knowing their names and what families they belong too
- To understand the orchestra and the role of the conductor
- To develop a further understanding of pitch and pulse

### Computing

- To learn about the importance of only joining and using child-friendly websites.
- To produce a multimedia video about a topic with music, narration and captions.
- To shoot and edit digital photographs.
- To create simple multiple-choice quizzes.

### Languages

- To use first person verbs to express feelings and emotions

### PE

- To take the lead when working with a partner or group.
- To use dance to communicate an idea.
- To develop swimming technique.
- To understand why we have to warm up and cool down.

### English

#### Speaking and Listening

- Children will be given opportunities to explain their understanding of books during Reciprocal reading.
- Children will use discussion techniques to remedy any misconceptions about scientific vocabulary and their understanding of concepts.

#### Reading & Comprehension

- I can make simple comments on how the reader's or writer's context makes a difference to the social, cultural or historical setting.
- I can use a dictionary to check the meanings of words.
- I can compare, contrast and evaluate different non-fiction texts.

#### Phonics & Spelling

- Spelling homophones, for example: except and accept.

#### Handwriting

- Practice writing common letter joins and words using a cursive style.

#### Composition

- I can write an information text.
- I write a range of fronted adverbials.
- I can write a poem.

#### Vocabulary, Grammar and Punctuation

- To insert speech punctuation around direct speech.

### Maths

- **M10** I can divide two digit numbers by a one digit number using a written method including remainders
- **M8** I can use partitioning to multiply two digit numbers by one digit.
- **M7** I can recognise and use factor pairs in mental calculations.
- **M5** I can multiply two digit numbers by a one digit number using the formal written method.
- **M4** I can solve problems using multiplication and division.
- **M3** I can multiply three digit numbers by a one digit number.
- **M2** I can use place value, known and derived facts to multiply up to three numbers mentally.
- **M1** I can recall x and ÷ facts for multiplication tables up to 12 x12.
- **M9** I can scale numbers and use correspondence to solve problems in which n objects are connected to m objects.
- **Me3** I can find the area of rectilinear shapes by counting in squares.

### Whole Class Read

We will be reading the fantastic 'Stig of the Dump' by Clive King.

### PSHCE

- To recognise positive and healthy relationships
- To understand that our actions can affect ourselves and others
- To deepen our skills on how to deal with conflict
- To work collaboratively to achieve shared goals
- To use negotiation skills and strategies to resolve disputes

### RE

- This half term children will look at Buddhism and the eight fold path. Children will discuss 'Can the Buddha's teaching make the world a better place?'

### SMSC

- Listen and respond appropriately to the views of others
- Gain the confidence to cope with setbacks and learn from mistakes
- Take initiative and act responsibly with consideration for others

### British Values

When learning about the history of democracy in Ancient Greece, we will encourage respect for democracy and support for participation in the democratic processes, including respect for the basis on which the law is made and applied in England. We will develop an appreciation that living under the rule of law protects individual citizens and is essential for their wellbeing and safety.