

## 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 Y5 and 6 can change their **Library** book on a **Monday** dinner time. Please make sure they bring it into school.

### Number Facts

This term we are working on:

All timetables and corresponding division facts.

*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.

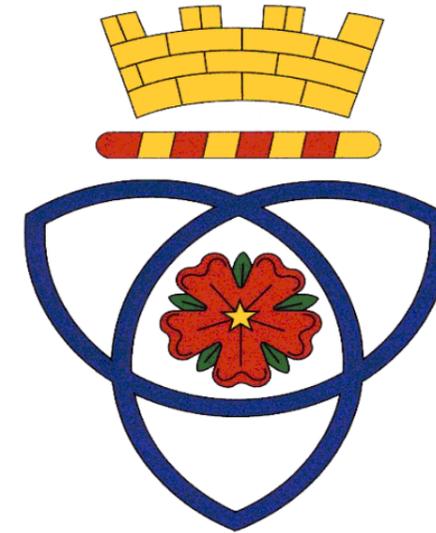
### Handwriting

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 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 5 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 have some exciting activities...

## How different will you be when you're as old as your

### Grandparents? What would a journey through your body be like?

#### Science

Children will look at the development of humans from babies to old age and make comparisons of skills which can be performed at different stages of life. Children will look into ageing themselves using technology and investigate the important things we need to do to stay fit and healthy. They will also learn to name and locate the large organs in a human and explain their main functions. Children will explain the functions of the human circulatory system by way of a class presentation. They will explore the work of medical pioneers such as William Harvey and create timelines to show life expectancy of other animals.

What can you do now that you couldn't when you were a baby?

What are the important things we should do to keep fit and healthy?

Why can the heart be described as the most important pump we have?

What happens to the oxygen we breathe?

#### Art / D&T

In Art children will produce a cross section of the heart and circulatory system using the batik technique. Children will also use sketch pads.

Can you accurately sketch yourself and your grandparent?

Can you create a picture of your face using collage?

#### English / Maths

In English we will be writing an explanation text to describe the function of the heart. Children will read 'The Pig-heart Boy' by Malorie Blackman and will use this text as a base to write their own story and create a discussion text arguing the case for or against the controversial medical surgery described in the novel.

In Maths children will be multiplying and dividing and using fractions.

#### 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 create a multimedia on-screen presentation about a topic over several slides.
- To add animation and transition effects to enhance a presentation so it is more engaging.
- To describe online hazards and how to respond to them safely. To explain: Zip it, Block it, Flag it.

#### Languages

- To use infinitives with opinions
- To describe destinations using prepositions
- To use specific terminology to justify responses

#### PE

- To compose their own dances in a creative and imaginative way.
- To be able to dance showing clarity, fluency, accuracy and consistency.
- To play in a team and to help and support each other.
- To use a range of attack and defending tactics.

#### English

##### Speaking and Listening

- To participate in discussions, presentations, performances, role play, improvisations and debates.
- To consider and evaluate different viewpoints, attending to and building on the contributions of others.

##### Reading & Comprehension

- To participate in discussions about books, building on my own and others' ideas and challenging views courteously.
- To recognise ways in which writers present issues and points of view in fiction and non-fiction texts.
- To recognise different points of view and make up my own mind about an issue left deliberately vague by the author.

##### Phonics & Spelling

- To spell some of the words of the Year 5/6 spelling words correctly. –silent b, -icious, -cial, -tial, -ant and –ance.

##### Handwriting

- To join letters neatly with increasing speed.

##### Composition

- To organise writing into paragraphs.
- To use headings, sub-headings and bullet points.

##### Vocabulary, Grammar and Punctuation

- To use apostrophes to mark singular and plural possession.
- To use inverted commas for direct speech.
- To use subordinating conjunctions.

#### Whole Class Read

We will be reading the fantastic *The Wind in the Willows* by Kenneth Grahame as a whole class this term.

#### Maths

- To calculate and compare the area of rectangles (including squares), and including using standard units, cm<sup>2</sup>, m<sup>2</sup>, estimate the area of irregular shapes.
- To multiply and divide numbers mentally, drawing upon known facts.
- To multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.
- To divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.
- To solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.
- To compare and order fractions whose denominators are multiples of the same number.
- To identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.
- To recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number. (e.g.  $2/5 + 4/5 = 6/5 = 1 1/5$ )
- To add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- To multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- To read and write decimal numbers as fractions (e.g.  $0.71 = 71/100$ )
- To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

#### RE

We are learning to evaluate different beliefs about eternity and to understand the Christian perspective on this.

#### 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

#### SMSC

Children will develop their capacity for critical and independent thought through reading about controversial science technology. They can listen and respond appropriately to the views of others during class discussions and debates. They will also reflect on, consider and celebrate the wonders and mysteries of life.

#### British Values

Children will be encouraged to develop their self-knowledge, self-esteem and self-confidence by working to produce a presentation in small groups. In discussing controversial medical breakthroughs, children will be encouraged to show respect for one another's views and beliefs.