

# Half Termly Overview

Year 5 Autumn 1 2018

Dear Parents/Carers,

This half term we have some exciting activities linked to our Science topic.

## Could you be the next CSI Investigator?

### Science

In Science this half term we will be looking at crime scene investigations, forensics and murder mystery! We will be carrying out scientific investigations to solve the crime and using finger prints, foot prints, DNA, reversible and irreversible reactions.

What is DNA?

Can you think of five materials that can be changed and reversed and five that cannot?

How have scientists made use of changes to create materials that make our lives easier?

Which materials dissolve and evaporate and why can this sometimes be an important quality?

### Art / D&T

Can you create a piece of work using Salvador Dali as an inspiration?

To create wanted posters in the style of Romero Britto. To use Salvador Dali as inspiration to create their own piece of work.

Can you create an interesting piece of art work with design features?

### English / Maths

In English we will be writing our own mystery stories using our class story as our inspiration. We will also write newspaper reports and recounts.

In Maths, we will learn about Place Value, Addition and Subtraction and Statistics.

### Music

- To listen with attention to detail and recall sounds with increasing aural memory.
- To improvise and compose music for a range of purposes using the inter-related dimensions of music.

### Computing

- To compare websites for doing online research on.
- To design a poster with a nice colour scheme.
- To enter formulae into a spreadsheet to solve calculations, including using =SUM() to find a total.
- To change the format of cells using: text alignment, fill colours, borders and different data types.

### Languages

- Prepositions relating to the home.

### PE

- To understand the rules of rugby, hockey and basketball
- To be able to link skills, techniques and ideas and apply them to game environment.
- To be able to both attack and defend.
- To work as a team and show sportsmanship.

### English

#### Speaking and Listening

- To listen and respond appropriately to adults and their peers.
- To ask relevant questions to extend their understanding and knowledge.

#### Reading & Comprehension

- To maintain fluency and accuracy when reading complex sentences, with subordinate clauses.
- To talk about the author's techniques for describing characters, settings and actions.
- To draw information from different parts of the text to infer meaning.

#### Phonics & Spelling

- To learn words ending in -cious, -tious, -cial, -tial, -tion, -ant and a range of Y5 & 6 Tricky words.

#### Handwriting

- To join my letters neatly with increasing speed.

#### Composition

- To create ideas, draft, redraft and edit my work.
- To describe the setting, atmosphere and characters in narrative.

#### Vocabulary, Grammar and Punctuation

- To use apostrophes to mark singular and plural possession.
- To use full stops and capital letters correctly.
- To use subordinating conjunctions.

### Whole Class Read

We will be reading the fantastic 'The Mystery of the Dinosaur Discovery' by Helen Moss as a whole class this term.

### Maths

#### Place Value

- Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.
- Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.
- Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000.
- Solve number problems and practical problems that involve all of the above.
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

#### Addition & Subtraction

- Add and subtract numbers mentally with increasingly large numbers.
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

#### Statistics

- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables including timetables.

### RE

- **HINDUISM- PRAYER & WORSHIP**
- What is the best way for a Hindu to show commitment to God?
- To understand how Hindus show their commitment to God and to evaluate if there is a best way.

### PSHCE

To recognise a healthy lifestyle, to understand what might influence their choices, and the benefits of eating a balanced diet. To recognise how images in the media do not always reflect reality and can affect how people feel about themselves. To be able to understand how feelings can change and how to control them.

### SMSC

We will be thinking about our classroom rules to make Year 5 a happy and safe place to learn. During assemblies we will look at children's rights and responsibilities.

### British Values

We will be taking part in a democratic vote to elect members of the school council which will help them understand that each person has an equal right to be heard in a democratic society.

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

### 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.

### Handwriting

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

### Maths

Mathletics 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.

### 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.

### Number Facts

This term we are working on:

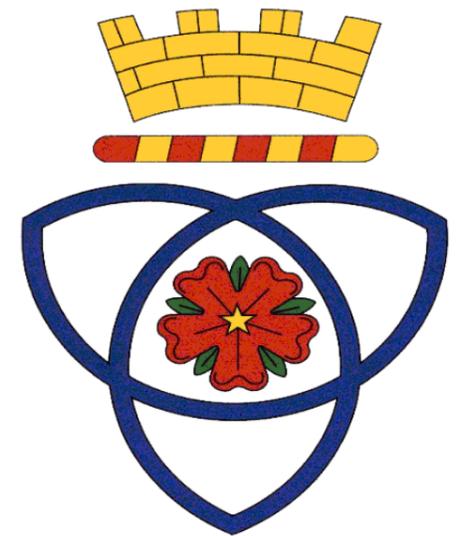
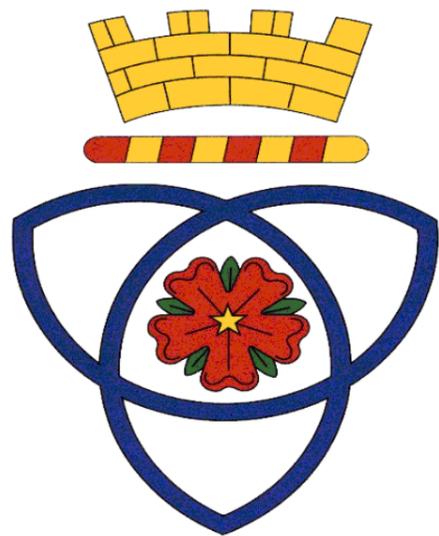
All times tables and corresponding division facts.

### 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.

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.

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



## 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!