



Half Termly Overview

Year 5 Spring 1 2019

Dear Parents/Carers,

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

Will we ever send another human to the moon?

Can you feel the force?

Science

In our topic this half term, we will learn all about the solar system and forces. Children will explore the movement of the Earth in relation to the sun and be able to explain how the seasons and associated weather are created. Children will learn about the movement of the moon in relation to the Earth and be able to explain why we have night and day and compare the different times of day around the world. Children will learn about the different planets in our solar system and try to appreciate the distances between them. We will find out about Neil Armstrong and Sir Isaac Newton. Children will explore the effects of force on different moving objects. Children will learn about gravity.

Can you explain why we have a day and night?

What can we learn about the solar system and other planets in it?

What is gravity and why is Isaac Newton linked to it?

What helps you to climb hills on your bicycle?

Art / D&T

Children will design and create parachutes and boats to explore the effect of resistance from the air and water. Children will create planetary paintings in the style of Jackson Pollock.

Can you design and make a parachute to help you understand more about air resistance?

How could you create a Moon surface and a Moon buggy?

English / Maths

During our Science topic we will write a Sci-fi narrative using ideas from the book 'Cosmic' by Frank Cottrell- Boyce. We will be writing non-chronological reports about our solar system, and reporting on an alien spacecraft crash-landing on the school playground. We will be using persuasion techniques to create advertisements for space travel. Children will be using measurements accurately and precisely to look at the distances between planets.

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 express preferences related to sports
- To use a variety of infinitives
- To justify opinions using 'porque'

PE

- To be able to learn the different shots in volleyball (dig, volley, spike and serve).
- Use the various shots to hit the ball to a partner.
- Engage in competitive volleyball games.
- To be able to learn and understand the rules of dodgeball. Also, being able to throw, catch and dodge the ball.

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 respond to more sophisticated punctuation.
- To infer a character's moods, thoughts, feelings and attitudes using evidence from the text.
- To recognise ways in which writers present issues and points of view in fiction and non-fiction texts.

Phonics & Spelling

- To learn words ending in -ible, -ibly, -fer (stressed and unstressed) -ough, -ei and a range of Y5 & 6 Tricky words.

Handwriting

- I can join my letters and ensure I write legibly and at speed.

Composition

- To use adverbials to make my writing cohesive.
- To use appropriate pronouns to avoid repetition.
- To use co-ordinating conjunctions.
- **Vocabulary, Grammar and Punctuation**
- To use commas for lists.
- To use inverted commas for direct speech.

Whole Class Read

We will be reading 'The Story of Tracy Beaker' by Jacqueline Wilson.

Maths

- 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 (for example $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$).
- To add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- To read and write decimal numbers as fractions (for example $0.71 = 71/100$)
- To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

RE

- We will be learning about Hinduism this half term and learning to understand the belief that there is only one God with many different aspects. We will be asking the big question 'How can Brahman be everywhere and in everything?'

PSHCE

- I can deepen my understanding on relationships, and recognise how some relationships can be unhealthy.
- I can listen to and respond respectfully to a wide range of people, to feel confident to raise their own concerns.
- I will be able to set shared goals and communicate effectively.

SMSC

- Recognise the values and richness of cultural diversity in Britain and how these influence individuals and society
- Recognise world faiths and beliefs and the impact they have on our culture

British Values

Mutual respect and tolerance is an attitude that recognises and respects the individual liberty of others – even if their choices, lifestyle and beliefs are ones you don't agree with or like.

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:

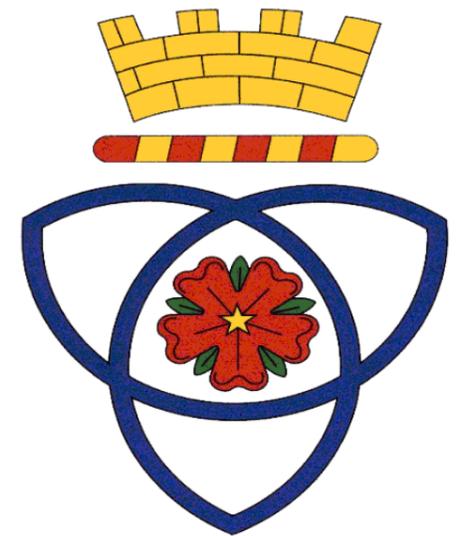
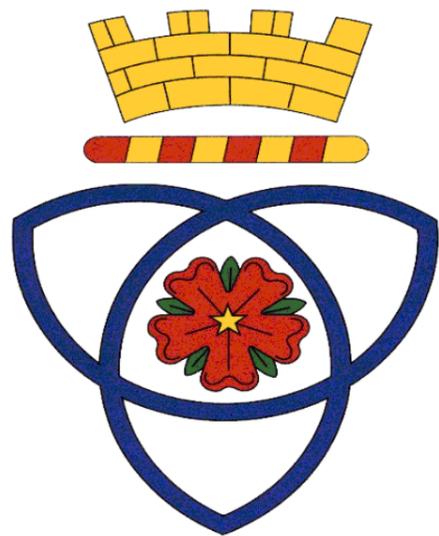
All timetables and division facts upto 12x12.

Please practise these at home as much as possible.

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.



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 £2.15 per day for KS2 pupils or £10.75 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!