



Year 5 Spring 1 Topic Web

5A – Mrs Ahmed and Mrs Akhtar

5M – Miss Mallinson

Maths

This half term, we will be learning about fractions, decimals and percentages.

Fractions

- Multiplying fractions by an integer
- Finding fractions of a quantity
- Using fractions as operators

Decimals

- Decimals up to 2 decimal places.
- Equivalent fractions.
- Thousandths as fractions and decimals.
- Ordering, comparing and rounding fractions.

Percentages

- Equivalent fractions, decimals and percentages

It continues to be important that learners know all their times tables to 12 x 12 and can recall them quickly.

English

The half term we will be using a new writing scheme called Ready Steady Write. We will be studying the book FARTHER by Graham Baker-Smith which is about a young boy, bewitched by his father's unrelenting passion to fly.

We will be writing an exploration narrative and a letter.

Grammar

Word

- Develop an understanding of the use of verb prefixes

Sentence

- Indicate degrees of possibility using modal verbs
- Expanded noun phrases to convey complicated information concisely

Text

- Developing understanding in using devices to build cohesion within a paragraph

Punctuation

- Use commas after fronted adverbials
- Use brackets, dashes and commas to indicate parenthesis

Reading

We will be continuing to use our new reading scheme Ready Steady Read Together. Each lesson follows a sequence of explore, teach, practise and apply, which is designed to enable children to activate prior knowledge and then practise and apply comprehension skills.

Year 5 will be looking at the following books:

- The Explorer (F)
- A World of Flavour (NF)
- Where my Wellies Take Me (P)
- The Storm Keeper's Island (F)

Science

This half term, we will be learning about forces

Golden Knowledge (everyone must know and be able to explain this information)

- Unsupported objects fall towards the Earth because of the force of gravity acting between Earth and the falling object.
- Air resistance, water resistance and friction have an effect on moving surfaces.
- Some mechanism, including levers, pulleys and gears, allow a smaller force to have a greater effect.

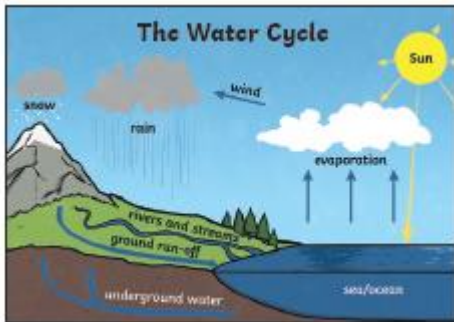
Your child will bring home a knowledge organiser to share the learning that will be taking place this half term.

Geography

This half term we will be continuing to learn about rivers and mountains.

Golden Knowledge (everyone must know and be able to explain this information)

- the key features of a river: upper course, middle course, lower course, meander and Oxbow lake
- how erosion and deposition alter a river
- the water cycle



PE

5M

This half term 5M will continue to go swimming every week. Learners will also have gymnastics on Wednesday this half term.

5A

PE will continue to be on Tuesday and Friday for 5A. On Tuesday, they will be working alongside Huddersfield Town and having football coaching. Friday's PE lesson will focus on gymnastics.

Learners should come to school in PE kit, which must be plain black jogging bottoms or leggings and a plain white t-shirt. No jewellery, including earrings and watches, can be worn for PE and if possible should be left at home on PE days. If girls wish to keep their headscarf on, it must be a tight fitting sport specific scarf for safety reasons.

RE

Learners will be learning about what Hindu's believe about God.

We will be finding out:

- how Hindus use different murti in puja
- how different Hindus worship
- what Hindus believe about a good life
- how Hindus show sewa or service
- the similarities and differences between being a Hindu and following other beliefs
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Music

In music, we will be learning about Blues music.

We will be finding out:

- what the key features of Blues music are
- Where and why Blues music started
- What a chord is
- What the 12-bar Blues are
- What a Blues scale is

Art

In Art this half term, we will be learning about Victorian Art including the work of William Morris.

We will be:

- identifying the features of William Morris' work
- creating a design for a print inspired by William Morris including relevant motifs
- experimenting with creating textures by imprinting materials into a press print block
- developing printing skills by printing with tiles and layering opaque ink

Computing

In computing we will be learning about data handling with our unit Mars Rover.

We will be learning to:

- identify some types of data the Mars Rover could collect
- Explain how the Mars Rover transmits data back to Earth and the challenges involved
- Read any number in binary, up to eight bits
- Identify input, processing and output on the Mars Rover

PSHE

In PSHE, we will be learning to understand the law.

We will be learning about:

- the different communities we are part of
- the different rules and laws that help our community
- develop skills of respect and empathy
- the restrictions that apply to children when using the Internet
- develop skills of understanding risk

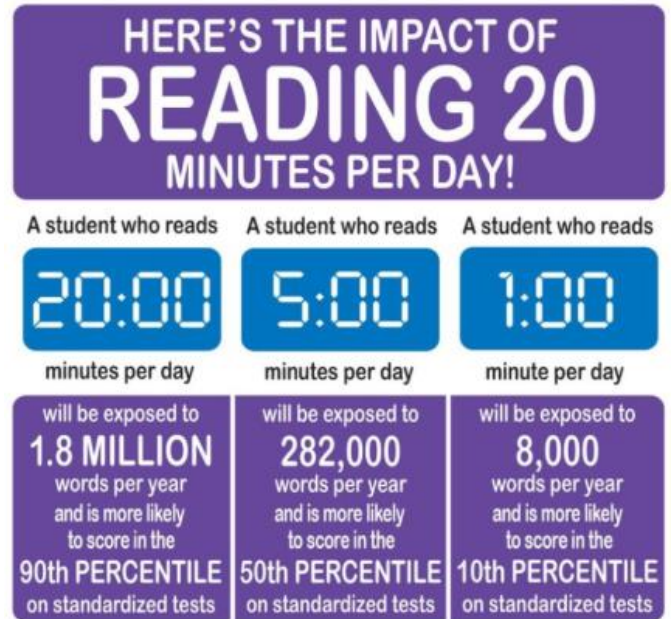
We will also mark the following special events:

Children's Mental Health Week, which will take place from 9th to 15th February and we will be exploring this year's theme 'This is My Place'.

Internet Safety Day, which will take place on 10th February and this year will focus on AI (artificial intelligence)

Homework

As a reminder, we expect learners to read at home for at least 10 minutes per day. Parents/carers should sign learners' reading records at least once a week.



Learners are also expected to learn and practise their weekly spellings.

They are also expected to complete at least 15 minutes per week on Times Tables Rock Stars, although we would like every learner to aim for 5 minutes per day.