



Year 3 Spring 1 Topic Web

3FM – Mrs Firth and Mrs Morton

3HR – Mrs Heald and Mrs Roberts

Maths

This half term, we will be learning about:

- multiplication and division leading to formal methods of calculation
- length and perimeter

We will be developing the following skills:

- Counting on and back in multiples of 2, 3, 4, 5 and 10 up to the 12 multiple.
- Recall and use multiplication and division facts for the 2, 3, 4, 5 and 10 times tables up to the 12th multiple.
- Recall addition and subtraction facts to 20 fluently.
- Recall and use addition and subtraction facts for multiples of 10 to 100 e.g. $40 + 60 = 100$; $100 - 70 = 30$.
- Add and subtract three-digit numbers.
- Multiply 2-digits by 1-digit.
- Divide 2-digits by 1-digit.
- Compare and order numbers to 200.
- Find 10 or 100 more or less than a given number within 500.

English

This half term we will be introducing a new English scheme 'Ready Steady Write'. In Year 3 we will be studying the book *The Iron Man* by Ted Hughes. We will be writing an approaching threat narrative and an explanation about how to build a trap.

Grammar

Word

- Formation of nouns using a range of prefixes e.g. auto-, super-, anti-
- Using a or an correctly

Sentence

- Expressing time, place and cause using conjunctions e.g. when, before, after, while, so, because, if, although
- Expressing time, place and cause using adverbs e.g. then, there, soon, after
- Expressing time, place and cause using prepositions e.g. before, during, after, in
- Using expanded noun phrases for description and specification

Punctuation

- Using capital letters, full stops, question marks and exclamation marks to demarcate sentences
- Using apostrophes where letters are missing in spelling and to mark singular possession in nouns
- Use commas to separate items in a list.

Reading

We will be continuing with our new reading scheme called *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.

We will be reading extracts from the following texts:

- Art Ideas (NF)
- Wild Robot (F)
- Ted Hughes Collected Poems (P)
- The Wonders of Nature (NF)

Please encourage your child to talk about the vocabulary they have been learning during reading lessons.

Science

This half term, we will be learning about light

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

- light is needed in order to see things
- dark is the absence of light
- light is reflected from surfaces
- light from the sun can be dangerous and we must protect our eyes from the sun.

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 the United Kingdom

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

- the names of the 4 countries of the UK (England, Northern Ireland, Scotland and Wales)
- the names and locations of some of the major rivers in the UK
- the oceans and seas around the UK
- The main geographical regions of England

Country	Flag	Capital City
England		London
Scotland		Edinburgh
Wales		Cardiff
Northern Ireland		Belfast



PE

3HR will continue to have PE on Wednesday and Friday.

3FM will have PE on Wednesday and Thursday this half term.

We will be following the Get Set for PE scheme and will be developing our ball skills and working on our gymnastics skills.

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

This term in RE we will be learning about how the 5 pillars of Islam help Muslims to lead a good life.

We will be learning to answer the following questions:

- What are some of the most important features of Islam?
- How did Islam start?
- What are the 5 pillars of Islam?
- What do Muslims believe about God?

Music

In music, we will be developing our singing technique. We will be learning to:

- sing in time with others
- learn new lyrics and follow a tune
- recognise simple rhythmic notation by ear and by sight
- recognise and name note rhythms when heard and seen.
- To add instrumental sound effects to a piece of music.

Art

In art this half term, we will be creating animal sculptures.

We will be learning to:

- create a design
- create a frame for a sculpture
- decorate the frame with appropriate materials
- join materials with appropriate glue/paste

PSHE

In PSHE, we will be learning about understanding the law following the Pol-Ed scheme of work.

We will be learning about:

- how intense feelings feel
- how school helps me
- what I am good at
- what mental health is
- what words we can use to talk about our feelings

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)

Computing

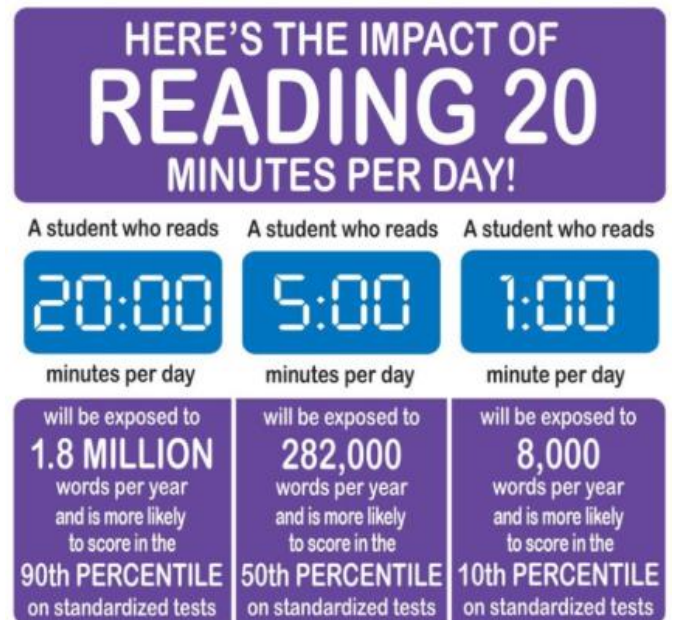
In computing we will be learning about systems and networks including the journey inside a computer.

We will be learning:

- what inputs and outputs are
- what a computer sends and receives
- what the purpose of each part of a laptop is
- what an algorithm is
- what memory is for inside a computer
- what is similar and different about a laptop, desktop and tablet

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.