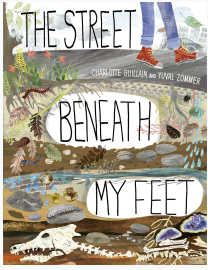


Year 3 Spring 1 Learning Bulletin

A new year and lots of new learning! Maths will build on multiplication and division skills and then our first exploration of perimeter. There is also a new focus for geography as we look back across the Atlantic, this time to North America.



Writing

Our texts will be: The Street Beneath My Feet and The Pied Piper

Our writing outcomes will be:

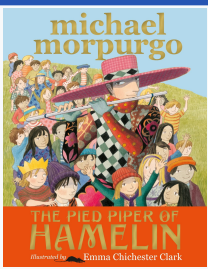
an explanation text and a character description

Key Knowledge:

- Expressing time, place and cause using prepositions (for example, before, after, during, in, because of)
- coordinating conjunctions
- using a or an

Spelling Rules:

suffixes starting with a vowel - er, ing, ed



Maths

Topic: Multiplication & Division

Multiplying a 2 digit number by a 1 digit number, linking multiplication to division, dividing a 2 digit number by a 1 digit number.

Topic: Length & Perimeter

Measuring in mm, cm and m, equivalent lengths: mm and cm, cm and m, comparing, adding, subtracting lengths, perimeter.

Maths Vocabulary

Partition

Multiply (times, lots of, groups of)

Divide (shared between)

mm, cm, m,
perimeter, unit,
equivalent, length,
sides

Science: *We have a few lessons left learning about rocks before we move onto our new topic of animals including humans!*

Key Knowledge:

- Know that fossils are formed when things that have lived are trapped within rock over a long time.
- Know that soils are made from a mixture of rocks and organic matter.
- Know that Mary Anning was a famous paleontologist who discovered important fossils and helped us learn about the past.
- Know that animals, including humans, need the **right nutrition** to survive.
- Know that **humans cannot make their own food**; they get nutrients from what they eat.
- Know that different nutrients play different roles in the body.
- Know that humans and some other animals have **skeletons** and **muscles** for **support, protection, and movement**.
- Know the names and functions of key bones (e.g. **skull, ribs, spine**) and understand how **joints** allow movement.
- Know the difference between an endo and exoskeleton
- Know that **muscles work in pairs** to move bones by **contracting and relaxing**.

Key Vocabulary:

fossil, bones, layer, pressure, soil, formation

skeleton, bones, muscles, joints, ribs, spine, skull, endoskeleton, exoskeleton, contract, relax, protect, carbohydrates, sugars, proteins, vitamins, minerals, fibre, fat

Geography: North America

Key Knowledge

- The location of North America and key countries.
- The different lines of latitude.
- The climate of two contrasting regions (such as Florida and Alaska).
- both areas are threatened due to human activity.

Key Vocabulary:

Latitude, tropics, climate zone, Everglades, wetland, tropical, Alaska, coniferous, taiga, forest, logging, tourism, threatened.

PSHE - Dreams and Goals

Vocabulary: aspirations, comfort zone, responsible, co-operation, motivation, frustration, self-review, evaluation.

Knowledge: know an example of a person who has faced difficult challenges and achieved success. Know how to identify a dream/ambition that is important to me. Know how to break down a goal into a number of steps and know how others could help me to achieve it. Know that I am responsible for my own learning and that I can use my strengths as a learner to achieve a challenge. Know how to manage the feelings of frustration that may arise when obstacles occur. Know how to evaluate my own learning process and identify how it can be better next time.



Computing - Exploring Scratch

Knowledge: Identify Scratch as a coding application & explore code blocks. Make predictions about what code blocks will do & test these ideas. Create simple animation by combining motion, speech & wait blocks. Plan how to remix an existing animation by choosing which parts to change. Alter & remix code. Test and debug to fix problems and improve. Reflect on changes.

Art

Drawing
L.S Lowry: Why are sketches useful before creating a final piece?

Key Vocabulary:
light, dark, tone, shadow, line, pattern, texture, form, shape, tone, outline, perspective, 3D, 2D

Music: Grandma Rap

This unit explores beat and rhythm work using crotchets and quavers. Beginning with on-the-spot actions, followed by stepping the durations, stick notation is introduced and pupils go on to create their own 4-beat patterns, which they will loop creating an accompaniment to perform the rap to.

French: Bonjour

Key Knowledge

Identify parts of the body / Describe eyes and hair appearance / Recognise days of the week / Give basic character descriptions

Key words and phrases: les yeux/le nez/les cheveux, vert/bleu/long/court
lundi/mardi/mercredi/jeudi/vendredi/samedi/
dimanche
Je suis petit(e)/grand(e)/ sympa/drôle

PE

Throwing and Catching

Overarm, Underarm, one handed, two handed, static/dynamic skills, bench ball, generic ball games

Invasion

Sending (Throwing), receiving (Catching), attack and defence (When & Where)

Multiskills

Refinement (when & where to move), dynamic balance, landing, moving to music, simultaneous

Striking

Forehand / Backhand / Side strike, Serve / Overhead, Volley

Key Dates:

Friday 23rd January: Open Classroom 3.15pm - 3.45pm

Tuesday 27th January: NSPCC Number Day

Friday 30th January: International Day

Friday 13th February: Term finishes 3.15pm

Key Information:

PE (indoor) : Tuesday

Change of PE day (outdoor): Thursday

Suggested Books to Read:

<https://www.booksfortopics.com/booklists/recommended-reads/year-3/>
Recommended read

Power Maths Books

Suggested places to visit or activities to do:

- Science Museum
- Natural History Museum

Useful websites to support learning:

<https://uk.ixl.com/maths/year-3>

https://www.educationquizzes.com/ks2/maths/maths_quizzes

https://www.spellzone.com/word_lists/index.cfm
Spellings games

<https://ictgames.com/>