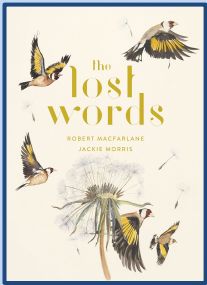
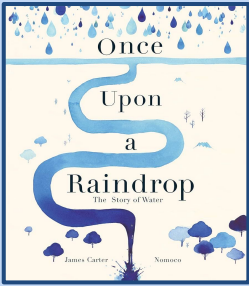


# Year 4 Spring 1 Learning Bulletin

Welcome back! We are looking forward to the exciting half term ahead. We cannot wait to dive into new and exciting topics and build on our knowledge and understanding from previous years.



## Writing

**Our texts will be:** The True Story of the Three Little Pigs, The Lost Words (poetry), Once Upon a Raindrop

**Our writing outcomes will be:** Instructions (how to build a house), acrostic poem, first person recount

**Key Knowledge:** prepositions, subordinate conjunctions, fronted adverbials, first person, scientific language, descriptive language, figurative language, commas for lists and clauses, expanded noun phrases.

**Spelling Rules:** homophones, near homophones, -ation, sub-, super-, plural possessive apostrophes with plural words

**Reading Texts:** Lost Words (poetry), Great Rivers of the World (non-fiction)

## Maths: Place Value, Addition and Subtraction and Fluency

### Key Knowledge:

**Week 1:** Multiplying 2 and 3 digit numbers by a 1 digit number and informal methods for multiplication

**Week 2:** Dividing by a 2 and 3 digit number by a 1 digit number

### Length and Perimeter

**Week 3:** Measuring in kilometer and meters

**Week 4:** Equivalent measurements

**Week 5:** Perimeter of rectilinear shapes and polygons

### Fractions

**Week 6:** Understanding the whole

**Fluency:** 11 and 12 times tables

### Vocabulary

#### Multiplication and division:

Product, informal written method, formal written method, multiple step problem.

#### Length and perimeter:

Kilometers, meters, centimeters, millimeters, equivalent, sides.

**Fractions:** Numerator, denominator, whole, parts, equal.

## Science - We will finish our States of Matter topic and begin learning about Animals Including Humans

### Key Knowledge:

- Know that the human digestive system breaks food down so nutrients can be absorbed into the blood
- Name different teeth (incisors, canines and molars) and their roles
- Know that teeth can decay due to acid and sugar in food and drink
- Know that a food chain shows how energy moves through an ecosystem: from producer to consumer
- Recognise that every animal is part of a food chain

Key Vocabulary: mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, predator, prey, consumer, decay, digestion, incisor, canine, molar, enamel, saliva, plaque, bacteria

## Geography - Rivers

### Key Knowledge:

- To understand a river is a moving body of water that drains the land
- To identify key features of a river
- To discuss how settlements change downstream
- To understand the source of the River Thames is in the Cotswolds, a rural village.
- As the channel widens, the land becomes more urban.
- To identify that London is a capital city on the River Thames using a map

**Key Vocabulary:** Source, mouth, meander, delta, channel, bank, course, urban, suburban, rural, tributary, erosion, waterfall

## PSHE: Dreams and Goals

### Key knowledge

- Talk about hopes and dreams.
- Know that sometimes hopes and dreams do not come true.
- Think about how to deal with disappointment.
- Learn how to make new plans or goals.
- Work as a group to achieve a set goal.

**Key vocabulary:** resilience, determination, positive attitude, disappointment, self-belief, commitment

## Computing

### Key Knowledge

Computational thinking skills:

- Decomposition and pattern recognition
- Abstraction
- Algorithm design
- Computational thinking in action
- Evaluating
- Online safety

This unit explores problem solving skills in a variety of different contexts. The children will use logical reasoning to create more efficient code.

## Art - What is 3D drawing?

### Knowledge and Skills

- begin to show awareness of representing texture through the choice of marks and lines made
- drawing featuring the third dimension and perspective to add depth
- to understand foreground, middleground and background and where to start first
- recognise a horizon line and a viewpoint in a landscape to take photos of the skyline to recognise how shading can be used (light and dark) to show
- Stephen Wilshire is an artist with learning difficulties
- he draws skylines from memory
- how to use texture, shading and line to make a drawing look 3D

## Music - Tideo

Students will learn to sing and move to a steady beat, fostering a sense of rhythm and timing. The unit will introduce the theory of the pentatonic scale, providing students with a foundational understanding of this five-note musical scale. Students will apply their learning by creating their own composition piece, integrating the elements of steady beat and pentatonic theory to produce original musical works

## French - Les fêtes

### Key Knowledge:

- Talk about festivals and dates,
- Talk about presents at festivals
- Count from 31-60
- Give and understand instructions
- Learn about Bastille Day.

### Example Vocabulary:

le Nouvel An/Pâques/Noël, un vélo/un jeu/un livre, Touchez les pieds!/ Sautez!/Tournez!

## PE - Gymnastic and Invasion

**Multi-Activity:** Catching Aiming Strength Endurance Reaction Speed

**Invasion:** Sport Specific games focussed on scoring

**Orienteering/adventure:** Working with a map, Working at height, Balance, Teamwork Marble Hill Adventure Park

**Striking:** Forehand / Backhand / Side strike Serve / Overhead Volley Tennis Golf Cricket

## Key Dates for Spring 1 Half Term

**Friday 30/1** International Day

**2/2 (Week Beginning)** - NSPCC Number Day

**1/2 (Week Beginning)** - Children's mental health week

**Tuesday 10/2** - Safer Internet Day

**Early March** - Y4 Multiplication Tables Check (MTC) Mock Assessment

**Early June** - Y4 Multiplication Tables Check (MTC) Statutory Assessment

### Key Information:

**PE Days: Tuesday and Friday**

**Reading records:** Please remember to record 5 comments and signatures a week, with children handing them to their teachers on **Mondays**

**Spelling homework:** new words to learn each Monday, ready for a test the following Monday.

### Suggested Books to Read

**Great recommendations here!**

(Fun but *not* *Bunny vs. Monkey...*)

**Grimwood** by Nadia Shireen – A wild, anarchic animal-adventure world

**Beetle Boy** by M. G. Leonard – A fun adventure about a kid who befriends beetles

**Matt Sprouts** series by Matt Eicheldinger – silly, humorous side of “kid life + weird situations.”

### Online Learning Resources

**Geography** - <https://www.bbc.co.uk/bitesize/topics/zrm96rd>

**Science** - <https://www.bbc.co.uk/bitesize/topics/zi44ixs>

**French** - <https://www.bbc.co.uk/bitesize/subjects/z39d7tu>

**Computing** - <https://www.bbc.co.uk/bitesize/subjects/zauxb7h>

### Maths

**TTRS** - <https://play.ttrockstars.com/auth/school/teacher>

**Maths Bitesize** - <https://www.bbc.co.uk/bitesize/subjects/zxv6a2p>

**White Rose** (app) - fluency practice

**Hit the button** - <https://www.topmarks.co.uk/maths-games/hit-the-button>

**English Bitesize** - <https://www.bbc.co.uk/bitesize/subjects/zf4f8p3>