

Computing - Creating media: Photo Editing

During this term, children will:

- Develop their understanding of how digital images can be changed and edited, and how they can then be resaved and reused.
- Consider the impact that editing images can have and evaluate the effectiveness of their choices.

Design and Technology - Electrical Systems: Torches

During this unit, children will:

- Identify electrical products and explain why they are useful.
- Help to make a working switch.
- Identify the features of a torch and how it works.
- Describe what makes a torch successful.
- Create suitable designs that fit the success criteria and their own design criteria.
- Create a functioning torch with a switch according to their design criteria.

English - Reading

Children will explore the following text as part of their reading journey:

- Poems from a green and blue planet by Sabrina Mahfouz
- How does a lighthouse work by Roman Belyaev

English - Writing

Children will explore the following text as part of their writing journey:

- Shackleton's Journey by William Grill
- The Baker by the Sea, Paula White

In handwriting, children will learn how to:

- Join horizontally from e- rep rem rea reo
- Join diagonally and horizontally to y - ly ily ity ify
- Join horizontally to and from m - umn umv umf
- Join diagonally in suffixes - ship ment ness less
- Join diagonally to ascenders - al, all, alt, afl
- Join to and from f - ff, lf, ife fy

In spelling, children will learn how to:

- Spell Common Exception Words: possession, potatoes, pressure, probably, promise, regular, special, strength, suppose, surprise, various, recent, naughty, island
- Spell words with the 's' sound spelt 'sc'
  - Key words: science, scene, scissors, ascend, descend, crescent, scented
- Spell words ending with a 'sion'
  - Key words: division, collision, explosion, conclusion, extension, intrusion, comprehension.
- Spell words with the suffix -ous
  - Key words: spacious, envious, furious, famous, courageous, spacious, various, poisonous
- Know how to spell words with the suffix 'ly' added to words ending in 'y', 'le' and 'ic'
  - Key words: happy, pretty, easy, gentle, simple, humble, noble, basic, frantic, dramatic

Children will continue to learn how to:

- Expand noun phrases by the addition of modifying adjectives, nouns and preposition phrases [the strict maths teacher with curly hair or the person of interest]
- Use fronted adverbials [e.g. Later that day, I heard the bad news.]
- Use of the simple future tense [e.g. we will learn about Vikings].
- Use of shorter sentences for effect and to build suspense [e.g. She slowly turned the rusty handle on the old wooden door and entered the unlit room. It was empty.]

- Use multi-clause sentences without a conjunction or using the progressive tense [e.g. Running down the corridor, they spotted the open window]
- Develop use of a range of conjunctions [e.g. yet, whereas, until, since, before, after] and to understand when these can be used as prepositions or adverbs
- Understand that some prepositions and adverbs can be used in a similar way to conjunctions [e.g. beside, despite, during, outside, down, below, next, therefore, however]
- Use apostrophes to mark plural possession [e.g. the girl's name, the girls' names.
- Use of commas after fronted adverbials
- Use reporting clauses including a relative clause for description and specification
- Use inverted commas to punctuate quotes in non-fiction writing
- Use some use of abstract nouns, and noun phrases used as the subject of the verb, e.g. [Darkness was being whispered in... full of despair] Vernacular (everyday) language, including idioms [e.g. ...do your bit for the war. ...the words are stuck in my throat.]
- Use Standard English forms for verb inflections instead of local spoken forms [e.g. we were instead of we was, or I did instead of I done]
- Use of paragraphs to organise ideas around a theme
- Use appropriate choice of pronoun or noun within and across sentences to aid cohesion and avoid repetition

### History - Magna Carta and the Battle of Lincoln

By the end of the term, children will know:

- What the feudal system was.
- What Magna Carta was and why it was needed.
- The impact of Magna Carta today.
- The events leading up to the Battle of Lincoln Fair.
- What happened at the Battle of Lincoln Fair.

### Maths

During this term, the children will learn the following aspects of maths:

#### Fractions and Decimals

- Recognise and write decimal equivalents of any number of tenths or hundredths
- Recognise and write decimal equivalents to  $\frac{1}{4}$ ;  $\frac{1}{2}$ ;  $\frac{3}{4}$
- Round decimals with one decimal place to the nearest whole number
- Compare numbers with the same number of decimal places up to two decimal places

### Money

- Estimate, compare and calculate different measures, including money in pounds and pence

### Time

- Convert between different units of measure [for example, kilometre to metre; hour to minute]

### Geometry

- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- Identify acute and obtuse angles and compare and order angles up to two right angles by size
- Identify lines of symmetry in 2-D shapes presented in different orientations
- Complete a simple symmetric figure with respect to a specific line of symmetry

### Music - Samba and Carnival Sounds and Instruments (South America)

Pupils who are secure will be able to:

- Explain what samba music is and that it is mainly percussion instruments used in celebrations such as Carnival in Brazil.
- Clap on the off-beat (the end of each beat) and be able to play a syncopated rhythm.
- Play their rhythm in time with the rest of their group (even if they are not always successfully playing in time with the rest of the class).
- Play their break in time with the rest of their group and play in the correct place in the piece.
- Play in time and with confidence; accurately playing their break.

## PE - Athletics

During this term, children will develop:

- Stamina and an understanding of speed and pace in relation to distance.
- Power and speed in the sprinting technique.
- Technique when jumping for distance.
- Power and technique when throwing for distance.
- A pull throw for distance and accuracy.
- Officiating and performing skills.

## PE - Basketball

During this term, children will:

- Develop attacking skills to move towards a goal.
- Develop passing and moving and play within the rules of the game.
- Develop movement skills to lose a defender and move into space.
- Develop defending skills to delay an attacker and gain possession.
- Use space effectively to create shooting opportunities.
- Apply skills and knowledge to play games using basketball rules.

## PSHE

By the end of term, children will know:

- Why some things need to be kept private
- Some strategies for keeping personal information online private
- How to respect others privacy
- How to set boundaries in terms of their own privacy
- When it is appropriate to break someone's privacy/ confidentiality

## RE - What does it mean to be a Hindu in Britain today?

During this term, children will learn:

- The Hindu Dharma has its origins in India and is the most ancient of the larger religious worldviews in the world today.
- For many Hindus it is important that they connect with Brahman, the ultimate reality and they will perform puja in their home or in the mandir.
- The puja will take place at the shrine which is often dedicated to a deity within the Hindu Dharma. The shrine will often contain a murti which is a statue of the deity.
- One of the great epic poems of the Hindu Dharma is the Ramayana which is connected to the festival of Diwali. The main characters of the Ramayana, Rama and his wife Sita are good examples to Hindus as to how they can fulfil their dharma.
- The story of the Ramayana is one of good overcoming evil and the festival of Diwali is celebrated all over the world to remember this.

## Science - States of Matter

At the end of this term, children will know:

- Materials can be a solid, liquid or a gas.
- Water can be a solid (ice), liquid or a gas (steam).
- If water is heated to 100°C it becomes steam.
- If water cooled to 0°C it becomes ice.
- When rain falls from the clouds it forms puddles.
- As these puddles are heated, the water turns to steam and evaporates.
- As the steam rises higher and higher, it condenses to form clouds.

## Spanish - Goldilocks - Ricotos de oro y los tres osos.

During this term, children will:

- Listen to the familiar fairy tale 'Goldilocks and the Three Bears' in Spanish and understand meaning using picture cards.
- Use new knowledge to re-write the story in Goldilocks in Spanish.
- present my version of the story to the class.

Spanish	English
Ricitos de Oro y los tres osos	Goldilocks and the Three Bears
 Ricitos de Oro	Goldilocks
 papá oso	father bear
 mamá osa	mother bear
 bebé oso	baby bear
 una casa	a house
 un bosque pequeño	a small wood/forest
 el tazón grande	the big bowl
 el tazón mediano	the medium bowl
 el tazón pequeño	the small bowl
 la silla grande	the big chair

Spanish	English
 la silla mediana	the medium chair
 la silla pequeña	the small chair
 la cama grande	the big bed
 la cama mediana	the medium bed
 la cama pequeña	the small bed
dulce	sweet
salado	salty
alta	tall/high
baja	short
dura	hard

Spanish	English
suave	soft
El tazón grande estaba demasiado salado.	The large bowl was too salty.
El tazón mediano estaba demasiado dulce.	The medium bowl was too sweet.
El tazón pequeño estaba muy bien.	The small bowl was just right.
La silla grande era muy alta.	The big chair was too tall/high.
La silla mediana era muy baja.	The medium chair was too short.
La silla pequeña era perfecta.	The small chair was just right.
La cama grande era muy dura.	The big bed was too hard.
La cama mediana era muy suave.	The medium bed was too soft.
La cama pequeña estaba muy bien.	The small bed was just right.