PSHE -
Zones of Regulation

Online Safety

LTTF: Calming the Storm
God Is Calling You

No Outsiders: Rose Blanche – Ian McEwan and Roberto Innocenti
To justify my actions.

DT

Moving Toys

How more complex electrical circuits and components can be used to create functional products

Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

Class Read:

Title: Oliver Twist
Curriculum links: History, PSHE.
Writing opportunities: Play scripts, narrative writing, letters and reports

St. Cecilia's Catholic Primary School

Topic Map: Year 5 , Autumn Term 2

History: The Victorians

Enquiry Question: "How did the Victorian era help change and shape the Liverpool we know today?"

The children will:

- understand that things changed during Victoria's long reign.
- talk about why something is significant
- differentiate between fiction and fact as a form of useful evidence.
- realise how some changes build on previous changes

Crucial Knowledge children must remember:

• Where Victorians sit chronologically.
• Queen Victoria was powerful and ruled over the British Empire.
• There was a huge difference between the lives of rich and poor.
• Compulsory schooling was introduced in Victorian era - significance of our own school.
• Victorian School life was different for rich and poor. Poor children were subjected to harsh punishments and the wealthy had a better education.
• Britain went through significant advancements during the Industrial Revolution - why was Liverpool significant.
• The Victorian era had two Prime Ministers and two political parties.
• The growth of railways and transport inspired holidays at the seaside.

Timeline

1837 – Queen Victoria crowned (aged 18 years).
1840 – Queen marries her cousin, Prince Albert.
1840 – first ragged schools set up.
1844 – factory act states children could start work from age 8 but had to have 2 hours schooling daily.
1847 – factory act states women & children under 18 could only work 10 hours or less daily.
1851 – Great Exhibition.
1861 – Prince Albert dies.
1863 – first underground railway opens in London. 1867 – all factory workers limited to 10 hours work daily.
1870 – Dr Barnardo opens first home for boys.
1871 – first FA cup for football. 1877 – Queen declared 'Empress of India'. 1880 – Children 5-13 required to attend school (but had to pay).
1882 – first electric power station in London.
1891 – education made free and compulsory for children 5-13.
1897 – Queen Victoria Diamond Jubilee (50 years on the throne).
1901 – Queen Victoria dies

Physical Education:

Athletics

To be able to apply different speeds over varying distances.
To develop fluency and co-ordination when running for speed.
To develop technique in relay changeovers.
To develop technique and co-ordination in the triple jump.
To develop throwing with force for longer distances.
To develop throwing with greater control and technique

Swimming

To develop gliding, front crawl and backstroke.
To develop rotation, sculling and treading water.
To develop the front crawl stroke and breathing technique.
To develop the technique for backstroke arms and legs.
To develop breaststroke technique.
To develop breaststroke technique.
To develop breaststroke and breathing technique.
To develop basic skills of water safety and floating.
To develop the dolphin kick.
To learn techniques for personal survival.
To develop water safety skills and an understanding of personal survival.
To identify fastest strokes and personal bests.

Religious Education:

Branch 2 – Prophesy and Promise

Scripture passages that speak of David's life and importance.
Psalm 21:1-7, Psalm 23 Scripture passages that speak of Jesus' as the fulfilment of the promise to David (e.g., Matt 1:1-17; Lk 1:32-33).
The prophetic tradition, the Messiah and God's plan of salvation.

Computing

Computer Science: Sprites and Events through Code Studio Course E Lessons 3/4
Game design through Code Studio Course E: Lessons
Online safety: What's the risk factor?
S.T.A.N.D. Up to Cyberbullying
SIFT for sources
IT & Digital Literacy:
Word Processing & Functional Skills.
Presentations, Creating Media & Video Editing

Mathematics:

Unit 4

- Multiples
- Common multiples
- Factors
- Common factors
- Prime numbers
- Square/cube numbers
- Multiply by 10,100 and 1000
- Divide by 10. 100 and 1000
- Multiples of 10, 100 and 1000

Unit 5

- Equivalent fractions
- Improper fractions to mixed numbers
- Mixed numbers to improper fractions
- Compare & order fractions less than 1

Unit 6

- Add & subtract fractions
- Add fractions within 1
- Add fractions with a total greater than 1
- Add to a mixed number
- Add two mixed numbers
- Subtract fractions within 1
- Subtract from a mixed number
- Subtract two mixed numbers
- Solve fraction problems
- Solve multi-step fraction problems.

English

Vehicle Text: Curiosity
Narrative: Space journey narrative
Purpose: To narrate
Recount: Formal Mission Log
Purpose: To recount
Grammar Word
Build on previous units & focus on: Develop understanding and use of verb prefixes.
Grammar Sentence
Indicate degrees of possibility using modal verbs Expanded noun phrases to convey complicated information concisely Develop understanding of relative clauses.
Grammar Text
Use of a range of sentence types for impact and cohesion.
Punctuation
Indicate parenthesis using dashes and brackets Commas after fronted adverbials (reinforce from Y4) Inverted commas to indicate direct speech (reinforce from Y4)

Vehicle Text: The Hound of the Baskervilles
Narrative: Cliffhanger Narrative Purpose: To narrate
Recount: Formal report Purpose: To recount
Grammar Word
The difference between vocabulary of informal speech and vocabulary appropriate to formal speech and writing – formal tone. Develop understanding and use of verb prefixes Converting nouns or adjectives into verbs using suffixes.
Grammar Sentence
Relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun.
Grammar Text
Develop understanding in using devices to build cohesion within a paragraph
Punctuation
Indicate parenthesis using brackets Commas for clarity.

Science

Living Things and their Habitats: Life cycles and Plants

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some plants and animals