



Rockwell Green Primary School - Spring 1 - Curriculum Planning

Class: Squirrels **Theme:** The Industrial Revolution (1750-1900) Steam, canals and manufacture **Text:** Iron Man by Ted Hughes

Initial Hook / Wow:
Creating an Iron Man from junk modelling



Experience / Opportunity:
Visiting local canal and rail
Build Like Brunel workshop



Audience / Purpose / Product:
Send explanation texts to the West Somerset Railway

English:
Class-read author: **Natasha Farrant**

Theme: We will be linking English with our theme: The Industrial Revolution: Wellington: rail and canals

Story: Suspense focus Iron Man Ted Hughes



Explanation text: How does a steam engine work?

Poetry: The Train by Kathy Henderson
Onomatopoeia

Key grammar focus:
Writing features of suspense and explanation text. Use of conjunctions for coordination and subordination, using adverbials and expanded noun phrases. Writing sentences which contain a relative clause to adapt, describe or modify a noun.

Structure of text using headings and subheadings, bullet points and organisational features.

Texts supporting this unit:
Iron Man Ted Hughes
Class read: Voyage of the Sparrowhawk
Natasha Farrant

French:
SALUT
Core unit 2
Colours, numbers, countries and I like

Religious Education:
Y4: Unit 4 – What do Christians believe about Salvation? (Links with Easter)

Maths: (NCETM) Year 4:

7 times tables and patterns:
-Identify patterns of odd and even numbers in the 7 times tables

Understanding and manipulating multiplicative relationships:
-Recognise patterns within/across times tables, especially within multiplication facts of 3,6,9
-Multiply and divide whole numbers by 10/100
-Understand and apply commutative property
-Use distributive property of multiplication
-Apply place value knowledge to scale multiplication problems

Are we there yet?

Value: Friendship



Science: Living things and their habitats (Grouping & Classification)

- Group living things in a variety of ways
- Use classification keys to help group, identify and name a variety of living things in their local and wider environment
- Recognise that environments can change and that this can sometimes pose dangers to living things

Music:
Ode to the Iron Man
Song
Heavy metal
Black Sabbath (Charanga) music

Physical Education:
Core Real PE – Cognitive
Real Gym

Art and Design & Technology:
Technique development: Experimenting with a range of pencils/ close observation.
DT: Yarn bombing/ weaving
Artist study: Laurence Stephen Lowry

DT: Canals- design a way to carry cargo from 'A to B' on a gutter canal
Floating / sinking Choosing materials

Vocabulary:

Victorian	Industry
Rail	Workhouse
Locomotive	British Empire
Construct/ construction	Trade
Factory	Transport
Economy	Local
Industrial Revolution	Artefact
Engineering	Evidence
Woollen mill	Source
	Compare

Computing and Technology:
Unit 4.4:
Writing for different audiences

The Industrial Revolution
The development of rail and canal transport links in Britain
Evaluating the impact of technological advances
Growth of the British Empire

Values & RSHE
Keeping myself safe (SCARF)