



ENGLISH

Comprehension practice – reading for inference and using point, evidence

Explanation

Composition writing

Spelling Shed Spelling

Class Novel

Writing

Descriptive composition; reading and writing poetry; diary writing; persuasive writing; proof-read and edit; writing a book review

Punctuation and Grammar

Nelson Grammar: prefixes, suffixes, standard English, adverbial phrases, fronted adverbials, articles and determiners, verb tenses' possessive apostrophes, semi-colons, parentheses, clauses, subordinate clauses, extending sentences, direct speech, linking paragraphs, perfect form of verbs, negative sentences, commas to avoid ambiguity.

Speaking and Listening – explain, consider and evaluate. Use appropriate register and be aware of Standard English

Reading – read and discuss characters, events and themes of the class text; read a selection of poetry, infer and predict, discuss authors' use of language, present and debate

MATHEMATICS

11+ Papers will be practised through the term.

Word problems and problem-solving in topics throughout the term.

Use of bar modelling.

Number:

Revision of number properties, all four formal operations, BIDMAS.

Negative numbers

Fractions – multiplying and dividing

Algebra:

Inverse and function machines

Number patterns – Arithmetic sequences

Introducing algebra

Geometry & Measures:

Co-ordinates in all 4 quadrants

Transformations – translations, rotations

Rotational symmetry and review of line symmetry.

Review names and properties of different triangles.

Geometrical reasoning - angles

Conversion Graphs

Area of triangles

Area and perimeter rectilinear composite shapes.

Nets – cubes and cuboids

Volume and surface area of cubes and cuboids

Statistics:

Averages and range

GEOGRAPHY

Volcanoes:

- Case study – Mount Etna

Tropical Rainforests (The Amazon):

- Location of tropical rainforests
- Equatorial Climates
- Layers of the rainforest
- How people have adapted to live in a rainforest
- Role and importance of rainforests on a local and global scale.
- How and why rainforests are under threat

SCIENCE

Students should be able to describe and explain the structures and processes involved in these topics:

Let It Shine:

- The Basics of Light
- Reflections
- Shadows

(Opaque, Transparent, Translucent)

- Shadow Puppets
- Refraction
- Colour

Earth Rocks:

- Rock characteristics
- Grouping Rocks
- Rock Tests (Properties)
- Soils



ART

Project Title: Arts & Crafts Movement

Knowledge:
Investigating the Arts and Craft Movement, specifically the print designs of William Morris

Experiment & Skills:
Drawing, alignment, collage, lino block carving, print making.

Evaluation & Ideas:
Group critique, self and peer reflection

Create & Present
Repeat print designs, both individual and collaborative.

DRAMA

Project title: Scriptwork – working with scripts

Consolidating skills learned during the Spring term, pupils will be working with scripts, developing teamwork, stage craft, projection, confidence.

HISTORY

Shakespeare and the Theatre-Sonnets-Edward the 6th-the new Religion.
Queen Mary 1st-Turn or Burn
Queen Elizabeth 1st-religion and marriage.
The Spanish Armada

COMPUTING

Logical reasoning
Imagine creating GIFs / mini animations, cursors / animated GIFs

Coding / debugging
Tynker workshops
Adding direction keys to game
Drawing
Score variables
Joystick control
LightBot Puzzles
repeats, loops, procedures
Spritebox Puzzles
Repeat loops, procedures, debugging



RELIGIOUS STUDIES

Founders of Different Religions

- To identify who Jesus is and his role within Christianity as a religion.
- Who is Buddha and what is the significance of him in Buddhism?
- Who is Muhammad and why is he important to Muslims?
- Hinduism

Religion, Peace and Conflict

- To understand the meaning of the word peace and how it is central to each religion.
- To know of significant figures who promote peace.
- To understand that achieving peace is not always simple.
- To understand what is meant by 'forgiveness'.

FRENCH

Describe school and facilities.
 Write about school subjects.
 Give simple opinions on subjects.
 Ask and tell the time.
 Describe their timetable in French.
 Describe everyday routines at school.
 Understand and learn -er verb formations in the present tense.
 Describe items of clothing and uniform.
 Talk about clubs and teams
 Learn about expressions of frequency.

PE/SWIMMING/GAMES

Athletics: Starts, stamina warm ups
 Runs: sprint drills, 80m timed sprint, hurdling/low hurdles/rhythm canes, relays/ baton change
 Jumps: establish take off foot, standing long jump, triple jump, simple scissors/ folding hurdle
 Throws: foam/turbo javelins, indoor shot, discuss rounders/cricket ball
 Boys and Girls Games
 Rounders and cricket; throwing, catching/striking the ball, bowling, fielding, batting technique defence and attack. Cricket nets. Batting Club.
 Swimming: Personal Survival skills and awards. Preparation/timings for House and Borough Gala's.

PSHE

Healthy Bodies, Healthy Minds

- L1. Valuing ourselves
- L2. Alcohol, tobacco, and drugs
- L3. Keeping well

Coping with Change

- L1. Puberty
- L2. Puberty and emotions
- L3. Emotional changes: managing well



MUSIC

Famous Composers

- Learn about Beethoven
- Explore Beethoven’s famous composition symphony No. 5
- Recognise Wagner’s Ride of the Valkyries
- Ensemble Skills
- Improvisation
- Composition
- Class Performance

DESIGN TECHNOLOGY

Handheld puzzle in acrylic.

Pupils learn how to cut internal shapes by the use of manual and machine methods. Edge finishing to be finished using a band facer. Properties of acrylic to be examined.

REASONING SKILLS

Verbal Reasoning

- **English workout**
Spelling difficult words
Word Classes
Tricky vocabulary
- **Maths workout**
Mental maths
Algebra
Number sequences
- **Working with numbers and algebra**
Basic algebra
Match the number code
Anagrams in lists
Word sequences
Letter sequences
- **Developing logic skills**
Complete the word grid
Letter logic
Statement logic
Deduction

Non-verbal Reasoning

- **Revision: Numbers, shapes and relationships**
Most unlike
Matching features
Applying changes
Matching 2D and 3D shapes
Following the folds
Matching a single image
Translating and combining images