ENGLISH Unit 3 – Exploring Narratives

- Explore the structure of a imaginative text (narrative)
- Explore and develop on effective cohesive devices for effective writing.
- Increase in student vocabulary for imaginative text to engage the reader.
- Explore the accurate use of direct speech.
- How to use simple sentences for effect.
- Mastery of compound and complex sentence structure.
- Mastery of tense within imaginative text.
- Pronoun references.

Unit 4: Reading and interpreting Australian literature

Examining evaluative language
• Introducing life writing
• Introducing memoirs
• Introducing appreciation
• Examining structure

Comprehending texts
• Examining personal stories

Analysing texts
• Exploring descriptive language
• Examining a literary memoir
• Investigating stylistic features of literary texts
• Retelling a story
• Analysing a model response

Composing a memoir
• Planning a memoir
• Drafting a memoir
• Editing and publishing a memoir

MATHS

Fractions and decimals
• Adding and subtracting decimals
• Solving problems involving decimals
• Multiplying whole numbers by powers of 10
• Multiplying decimals by powers of 10
• Multiplying tenths by 1-digit whole numbers
• Multiplying decimals by multiples of 10

Number and place value
• Exploring square and triangular numbers
• Investigating numbers less than zero
• Locating and ordering integers on a number line
• Finding prime factors & square roots of perfect square numbers.
• Comparing and ordering integers (7)
• Adding and subtracting positive and negative integers (7)

Real numbers
• Rounding decimals
• Multiplying fractions

Shape and Using units of measurement
• Revising the features of 3D objects
• Constructing prisms and pyramids & constructing nets of 3D objects
• Comparing volume and capacity
• Applying shape and measurement to design the biggest pyramid
• Drawing viewpoints of compound solids (7)

Geometric reasoning
• Revising angles
• Investigating angles on a straight line, vertically opposite angles and angles at a point
• Calculating unknown angles
• Identifying transversals on parallel lines
• Identifying and applying properties of corresponding, alternate and co-interior angles
• Solving problems using angle relationships

Patterns and algebra
• Introducing the order of operations & exploring the effect of brackets
• Solving problems using order of operations
• Exploring whole number and decimal number patterns.

Number and place value
• Revising the concept of division
• Applying mental strategies to dividing with no remainders
• Applying written strategies to dividing with remainders

Linear and non-linear relationships (year 7)
• Substituting into a variable & creating and evaluating algebraic expressions
• Balancing equations & solving simple linear equations
• Plotting points on the Cartesian plane
• Writing coordinates in a table of values
GEOGRAPHY – Exploring places and their diversity
- How do people and environments influence one another?
- How do places, people and cultures differ across the world?
- How do people’s connections to places affect their perception of them?

Mapping and location
- Geography of place
- Characteristics of places
- Location of countries near and far
- Where are we?
- Relative location of North America and its features

Characteristics of places
- Vegetation and simple patterns
- Relationship between climate and vegetation
- Representing rainfall and temperature ion graph form
- The geography of diversity
- Diversity in Asia

Interpreting geographical data
- Interpreting urbanisation data for trends
- Interpreting urbanisation data to infer relationships and draw conclusions
- Economic characteristics of Asia
- Demographic characteristics of Asia
- Social characteristics of Asia
- Decoding data

Responding to data
- Australian cultural diversity
- Case study - Asian cultural diversity

HISTORY UNIT 2 – Investigating the diversity of people in Australia and other societies (China).
Topic/Focus Area
Setting the scene
- Factors influencing settlement in the Australian colonies
- Political and social organisation of colonial Australia
- Key groups in colonial Australia - migrants
- Political and social organisation of 20th century Australia
- Key groups in 20th century Australian society - migrants
- Experiences of democracy - migrants
- Experiences of democracy - Aboriginal peoples and Torres Strait
- Geographical influences on settlement in ancient China
- Time and the political organisation of ancient Chinese society
- Key groups in ancient Chinese society

Investigating the evidence
- Investigating the story of a migrant group

Making connections
- Topic and inquiry questions
- Identify relevant and useful sources
- Identify points of view / perspectives in sources
- Locate and record information
- Sequence people and events
- Plan and draft a text
- Compose the text

Drawing conclusions
- Key groups shape societies

SCIENCE UNIT - Matter Cycles and Change.
States of Matter
- Reviewing changes to states of matter
- Introducing gases
- Discovering the water cycle
- Exploring everyday gases
- Investigating melting
- Evaluating water quality
- Investigating solidification

Separating
- Exploring everyday applications of separating mixtures
- Identifying water treatment processes
- Investigating dissolving and evaporating
- Exploring separation techniques
- Consolidating separation techniques
- Investigating condensation
- Exploring water filtration

Irreversible change
- The importance of safety
- Comparing natural and artificial processes
- Investigating rusting, cooking and burning.

Colloids
- Exploring colloids

Recycling
- Investigating a recycling process & comparing plastics