



**Mathematics:** Year 3 and 4 students will participate in both explicit whole class and small group learning experiences to develop their mathematical understanding, fluency, problem solving and reasoning skills. The Australian Curriculum mathematics strands to be covered throughout the year are ‘Number and Algebra’, ‘Measurement and Geometry’ and ‘Statistics and Probability’.

**Year 3**

**NUMBER AND ALGEBRA**

**Number and place value**

- Apply place value to partition, rearrange and regroup numbers to at least 10 000 to assist calculations and solve problems
- Consolidate recall of addition and subtraction facts their inverse relationship
- Recall multiplication facts of two, three, five and ten and related division facts
- Solve problems involving multiplication using efficient mental and written strategies

**Patterns and algebra**

- number patterns with addition and subtraction

**MEASUREMENT AND GEOMETRY**

**Using Units of Measurement**

- Measure order and compare objects using familiar metric units of length and capacity

**Location and Transformation**

- Create and interpret simple grid maps to show position and pathways
- Identify symmetry in the environment

**Mathematics Year 4 – Australian Curriculum Content**

**NUMBER AND ALGEBRA**

**Number and place value – WHOLE NUMBER**

- continue to consolidate place value concepts e.g. apply place value to partition, rearrange and regroup numbers to at least tens of thousands
- explore written and mental strategies for multiplication and connect with the inverse operation (division)
- learn strategies to solve larger multiplication problems using their number facts knowledge
- use efficient written and mental strategies for division without remainders

**MEASUREMENT AND GEOMETRY**

**Using units of measurement**

- understand that volume is the amount of space occupied by a three-dimensional shape and measure volume using metric units
- investigate length and area, and measure with appropriate terms
- use scaled instruments to read and represent temperature

**Location and Transformation**

- use simple scales, legends and directions to interpret information found in basic maps
- investigate symmetry in our everyday world

**English**

Literature

**Novel Study “Frindle”**

Students will complete a novel study of “Frindle”, the bestselling book by Andrew Clements. “Frindle” is a playful story with an emphasis on character development and setting. The students will explore the author’s use of descriptive language in construction of the main characters. Students will participate in large group and small group reading sessions with an emphasis on discussing plot and building vocabulary.

**Reading, writing and presenting informative texts – Finding and using information**

Students will listen to, read, deconstruct and create an information report about one of the main characters in “Frindle” named Mrs Granger. Students will present a spoken report about her character traits and their reflections of her.

**Spelling:** Each week students will complete a unit in their Sound Waves student workbook focusing on a specific phonemic sound and the grapheme choices (letter/s that represent a sound). Each unit consists of a range of language using the weekly list. A weekly personal list of words is included as part of the students’ homework activities and is to be written out 3 times. Students will complete a pre-test each Monday followed by a post-test on Friday. Sound Waves is a school-wide resource designed to develop spelling, reading and writing skills through phonemic awareness – a knowledge and understanding of sounds and sound patterns of the English language.

**Handwriting:** The students’ formal handwriting program comprises correct letter formation, size and slope, a neat legible style, correct posture and pencil grip.

Queensland Modern Cursive will be practised using both modelled board work and Targeting Handwriting QLD Year 3 and 4 Student Book.



**Literacy**

**Reading:** Students are expected to read each night for at least 10 – 15 minutes and record this information in their home reading log. Reading activities in class include silent reading, paired reading, modelled reading and guided reading. Guided reading is a focussed activity with an emphasis on reading strategies to develop literal, inferential and evaluative comprehension.

**Speaking & Listening:** The development of clear and expressive speech occurs during reading groups, class discussions, assemblies and in oral presentations based on relevant class topics. Students will deliver an oral presentation this term based on a character from our 'Frindle' novel study. Throughout the term, there will be a focus on active and engaged listening, clear expression of ideas and opinions with attention to modifying speech, according to audience and purpose.

**Geography (H.A.S.S. – Humanities & Social Sciences)**

**Using Places More Sustainably**

The focus of the unit is on developing student understanding of the custodial responsibility of Aboriginal peoples and Torres Strait Islander peoples to their Country/Place and their past and present views on the sustainable use of resources and environments. They apply this understanding to develop a plan for appropriate action to improve environmental quality in a selected place.

**Physical Education – Mr McKeiver**

During this unit students will practise and refine fundamental movement skills to perform the swimming strokes of freestyle, backstroke, and breaststroke, and solve safety and survival challenges.

They will also examine the benefits of being fit and physically active and how they relate to swimming.

**Music – Mr Neale**

This term, students will use games and activities to reinforce musical concepts learnt, particularly beat and rhythm. They will be exposed to musical elements such as pitch, dynamics and expression, form and structure, along with examining how this is written in music. Students will play instruments such as – xylophones, resonator bells, ukulele and recorder. Students will perform music by singing and playing percussion instruments together. They will perform a song on the recorder for assembly.

**Science – Hot stuff**

This term, students will conduct several investigations relevant to heat. They will make and record observations and measurements in tables, and communicate ideas using labelled diagrams, models and simple reports. Students will learn to describe ways that heat is produced and explore how it is transferred. They will identify changes that occur in everyday situations due to heating.

**The Arts – Drama**

In drama this term, students will develop drama and performance skills through activities and focussed warm up games. They will create short performances in small groups retelling stories from daily life with an awareness of their purpose and the audience. Students will also take part in a small play developing a better understanding of play scripts, props and how to entertain.

**Technology – Introduction to Coding with Scratch**

In this unit students will extend their understanding of algorithms in digital contexts. They will explore the Scratch coding program and implement a simple digital solution, using block coding language, that involves branching algorithms. Students will broaden their digital vocabulary whilst exploring Scratch and creating projects.

**Tok Pisin – Ms Pesas Change to the environment in PNG**

In term 3 the main focus for the children will be discussing natural changes affecting different provinces in PNG, identify current development in PNG and describe the negative and positive benefits that will affect the communities. They will also gather information about badly affected environment and come up with possible solutions to help the local community.

**Health - Netiquette and Online Protocols**

In this unit about internet usage, students will study what it means to use the internet in a safe and healthy way. There will be a focus on applying the same level of respect and style of communication that is used in the real world to the online world. Students will learn about building a positive digital footprint and online community.

**Programs/Activities**

**Year 3/4 Assembly Presentation** –Week 4, Friday 6<sup>th</sup> August

**Physical Education:** Tuesday (swimming clothes needed)

**Library:** Monday – students bring library bags and library books to return

**Homework Club:** Wednesday 3 – 4pm, weeks 2 - 9

**Public Holidays:** 23<sup>rd</sup> July, 27<sup>th</sup> July, 26<sup>th</sup> August, 16<sup>th</sup> September (end of term)

**LIS Idol:** last day of school

If you would like further information, or have any questions, please email: [sonia.neale@newcrest.com.au](mailto:sonia.neale@newcrest.com.au)