



Year 3 and 4 Term 1 Overview, 2021

Classroom Teacher: Sonia Neale

Mathematics: Year 3 and 4 students will participate in both explicit whole class, and small group, learning situations 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'. Students will participate in weekly problem solving lessons using the See Plan Do Check strategy.

Mathematics Year 3 – Australian Curriculum Content

Number and Algebra – Number and Place Value

- Investigate the conditions required for a number to be odd or even
- Recognise, model, represent and order numbers to at least 10 000
- Apply place value to partition, rearrange and regroup numbers to at least 10 000 to assist calculations and solve problems
- Recall addition facts for single-digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation
- Recall multiplication facts of 2, 3, 5 and 10 and related division facts
- Computation strategies to improve speed and accuracy

Number and Algebra – Patterns and Algebra

- Describe, continue, and create number patterns resulting from performing addition or subtraction

Measurement and Geometry

- Explore measurement by ordering and comparing objects using familiar metric units of length, mass and capacity
- Identify angles as measures of turn and compare angle sizes in everyday situations, compare angles to a right angle

STATISTICS AND PROBABILITY

Data representation and interpretation

- Introduce graphing, tables and data collection

Mathematics Year 4 – Australian Curriculum Content

Number and Algebra – Number and Place Value

- Investigate and use the properties of odd and even numbers
- Recognise, represent and order numbers to at least tens of thousands
- Investigate number sequences involving multiples of 3, 4, 6, and 9
- Recall multiplication facts up to 10×10 and related division facts
- Develop efficient mental and written strategies and use appropriate digital technologies for multiplication

Number and Algebra – Patterns and Algebra

- Use equivalent number sentences involving addition and subtraction to find unknown quantities

Measurement and Geometry – Using Units of Measurement

- Use scaled instruments to measure and compare lengths

Measurement and Geometry

- Understand and identify a right angle
- Compare angles and classify them as equal to, greater than, or less than, a right angle

STATISTICS AND PROBABILITY

Data representation and interpretation

- Introduce and construct displays including tables, column graphs and picture graphs

English

Author Study – Paul Jennings

This term students will read and listen to several short stories by Paul Jennings. Students will discuss Paul Jennings' writing style and identify character profiles, language choices, events and themes.

Reading and writing narratives – During this study, students will engage in reading and responding to a variety of narratives with a focus on Paul Jennings. They will discuss different texts, identifying similarities and differences between them. Students will initially retell and deconstruct narratives before planning, drafting and publishing their own by creating events, characters and settings. There will be an emphasis on the correct use of spelling, grammar and punctuation using the school's editing checklist.

Spelling: Each week students will complete a unit in their *Sound Waves* (school-wide program) student workbook focusing on a specific grapheme (letter/s that represent a sound). Each unit consists of a range of concepts using the weekly list words. A weekly personal list of words is included as part of the students' homework. Students will complete a pre-test each Monday followed by a post-test on Friday. *Sound Waves* is 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*.

Reading: Students are expected to read each night for at least 10 – 15 minutes. They are required to record this information in their home reading log which is glued in the back of their homework book. During class, reading activities will include silent reading, paired and small group reading, guided reading, and comprehension activities with an emphasis on reading strategies, using the three levels (literal, inferential and evaluative) of meaning.



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Speaking & Listening: The development of clear and expressive speech occurs during reading groups, assemblies and in presentations of special projects. There will be a focus on active and engaged listening, clear expression of ideas and opinions when appropriate and modifying speech, according to audience and purpose. All students will present an oral in response to their Paul Jennings author study.

Geography (a subject of H.A.S.S. – Humanities & Social Sciences)

In this unit, students will develop an understanding of sustainability by exploring feelings that influence views about the protection of different places. The key inquiry questions will include:

- How and why places are similar and different? E.g. demographic characteristics and the lives of people who live there.
- How do people's connections to places affect their perception of them?

Health

In this unit, students explore the impact of positive social interaction on self-identity. They investigate different types of friendships; examine the qualities we look for in a friend as well as their roles and responsibilities. Students learn how to communicate respectfully with friends to resolve conflict and challenging issues in friendships. They reflect on why friendships change over time and investigate strategies to assist them in establishing and maintaining respectful friendships

Music – Mr Neale, Monday

At the start of Term 1, students will re-visit 'rhythm' and 'beat'. This will involve movement and body percussion, along with playing tuned and un-tuned instruments. Throughout the term, they will learn songs to provide a base for future musical knowledge. Students will compose a two-part percussion accompaniment to a known song.

The Arts – Visual Art

This term we will be exploring a range of artists' styles and the techniques they use. Students will then create their own artwork incorporating some of the techniques they have learnt. Finally, they will reflect on their own artwork and compare it to the artist that inspired them looking for similarities and differences.

Science – Is It Living?

During this term students make predictions and describe patterns and relationships as they investigate living and non-living things. They will record and represent their predictions and observations in tables and graphs and communicate their ideas using labelled diagrams and simple reports.

Some focus areas will include:

- Appreciation of the difference between non-living things and things that were once living.
- Sort living and non-living things based on observable characteristics.
- Understanding the effects of their actions on living things.

Tok Pisin – Ms Pesas

This term, children will identify and discuss local landmarks in PNG and on Lihir Island. They will describe the landmarks and understand the need to preserve them and develop their mapping skills.

Physical Education – Mr McKeiver, Tuesday

In this unit, students develop and apply overarm throwing and object control skills (with small balls) to participate in various striking and fielding games. They will learn to apply rules fairly.

Design Technology – Catapult Capers

In this unit, students will investigate how forces and the properties of materials affect the behaviour of a product or system. The students will work with a design brief which states "The Angry Birds need you to design and make a catapult because the Pigs stole their slingshots." Students will explore a range of items to find the most effective material to shoot from a catapult.

Programs/Activities

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

Year 3/4 Assembly Presentation – Week 5, Friday 5th March

Acquaintance Night: Wednesday 10th February

Parent teacher interviews: 29th and 30th March

Sports Carnival – ball games and long run: Wednesday 31st March

If you would like further information, or have any questions, please feel free to visit the classroom or email: sonia.neale@newcrest.com.au