



Term Overview

Year: 3/4 Term 2 2018

Class Teacher: Simon McKeiver

Assistant Teacher: Gertrude Kelele

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'.

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
- Recall addition facts for single-digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation
- Recall multiplication facts of two, three, five and ten and related division facts

- **Fractions and Decimals**

- Model and represent unit fractions including $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$ and their multiples to a complete whole

- **MEASUREMENT AND GEOMETRY**

- Shape
- Make models of three-dimensional objects and describe key features

- **STATISTICS AND PROBABILITY**

Chance

- Conduct chance experiments, identify and describe possible outcomes and recognise variation in results

Data representation and interpretation

- Identify questions or issues for categorical variables. Identify data sources and plan methods of data collection and recording
Collect data, organise into categories and create displays using lists, tables, picture graphs and simple column graphs, with and without the use of digital technologies

Mathematics Year 4 – Australian Curriculum Content

NUMBER AND ALGEBRA

Number and place value – WHOLE NUMBER

- continue to consolidate place value concepts
- apply place value to partition, rearrange and regroup numbers to at least tens of thousands
- use efficient written and mental strategies for multiplication
- investigate division through related multiplication facts and repeated subtraction

Fractions and Decimals – FRACTIONS AND DECIMALS

- locate and represent fractions on a number line
- investigate equivalent fractions that relate to each other eg halves, quarters and eighths; thirds and sixths
- consolidate decimal understanding to tenths and extend to hundredths

MEASUREMENT AND GEOMETRY

Using units of measurement; Shape

- compare the areas of regular and irregular shapes
- understand that area is the measure of a surface and is calculated in square units
- compare objects using familiar metric units of area

Location and transformation – MAPS and DIRECTION

- use simple scales, legends and directions to interpret information found in basic maps

Geometric reasoning - ANGLES

- Understand that an angle measures turning and discuss how we use angles in our everyday world
 - Identify that angles have arms and a vertex and that angles are measured in degrees
 - Understand and identify a right angle
- Compare angles and classify them as equal to, greater than, or less than, a right angle

English

Literature

Weeks 2 – 10: Reading and writing narratives – Investigating how to persuade others

Students will listen to, read, view and compare persuasive texts and analyse the features of persuasive texts. They will explore a range of literary and non-literary texts including print, digital and nonfiction film and choose a topic to investigate. They will express personal responses to and opinions about texts. Students will engage in discussion to persuade their peers to accept their point of view, and they create a written persuasive exposition.

Spelling: Each week students will complete a unit in their *Sound Waves* student workbook focusing on a specific grapheme (letter/s that represent a sound). Each unit consists of a range of language use using the weekly list. A weekly personal list of words is included as part of the students' homework activities. Students will complete a pre-test each Monday followed by a post-test on Friday. *Sound Waves*, a school-wide word study resource, is designed to develop reading, spelling 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 will record this information in their home reading log books. Reading activities 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.

Speaking & Listening: The development of clear and expressive speech occurs during reading groups, circle time, 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.

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

Students examine the importance of Country and Place to Aboriginal peoples and Torres Strait Islander peoples who belong to a particular area. They investigate change and continuity over time in local, regional and state and territory contexts, for example in relation to transport, work, education, entertainment, daily life, and natural and built environments.

Health

In this unit, students explore the concept of health and the reasons why the food eaten is important. They explore the Australian Guide to Healthy Eating and the importance of eating breakfast and lunch.

Music – Mr Neale

In Term 2, students will continue exploring rhythm and beat, along with other musical concepts. To achieve this, they will use voice, movement, body percussion and instruments. Students will learn, rehearse and perform a Torres Strait Island song called *Monkey and the Turtle*. This will involve singing and un-tuned percussion and will be performed at the end of term Music assembly.

Science – The Balance of Nature

During this term students explore the local catchment to investigate the effects of human activity, natural disasters and extreme weather that cause erosion of the Earth's surface.

Tok Pisin – Ms Kelele

In this unit, the students will investigate change and continuity over time in PNG related to transport, ways of communication and ways the communities work in PNG. Students will also complete a range of written and oral activities to develop their understanding of spoken and written Tok-Pisin.

Physical Education – Miss Collins

In this unit, students develop the fundamental movement skills of running, jumping and throwing. Students will practise and refine the fundamental movement skills of running, jumping and throwing. They will also understand the benefits of being fit and physically active while participating in Athletic activities.

Technology

Digital Technology – Students will develop their publishing skills using both *Word* and *Publisher* programs. Students will use the *Mathletics* and *Reading Eggs* online programs to support their learning in Maths and English.

Programs/Activities

Assembly: Friday – 8:15am

Year 3/4 Assembly Presentation – Week 5, Friday 23rd February

Daily Fitness: 8:20 – 8:40am

Physical Education: Monday (students wear their yellow polo shirts)

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

Music : Tuesday

Homework : Wednesday 3 – 4pm

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