Year 3/4 Term 4 Overview, 2019

Classroom Teacher: Sonia Neale **Teaching Assistant:** Jenny Pesas

Mathematics: Students will participate in both explicit whole class and small group learning experiences to develop their mathematical understanding, fluency, problem solving and reasoning skills.

Mathematics Year 3

NUMBER AND ALGEBRA

Number and place value

- Apply place value to partition and regroup numbers to at least 10 000 to solve problems
- Recognise the connection between multiplication and division
- Solve multiplication problems using efficient strategies
- Recall and use single-digit addition facts and related subtraction facts to develop increasingly efficient mental strategies for computation
- Revise subtraction with and without regrouping

Money and financial mathematics

- Represent money and count change required for simple transactions to the nearest five cents

MEASUREMENT AND GEOMETRY

- Measure order and compare objects using familiar metric units of length **Shape**
- Recognise, describe and model the key features of three-dimensional shapes
- understand symmetry and identify it in activities and in the real world
- Investigate the relationship between units of time, e.g. 60 minutes in an hour and 60 seconds in a minute

STATISTICS AND PROBABILITY

Chance

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

Data representation and interpretation

- 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

NUMBER AND ALGEBRA

Number and place value

- Continue to consolidate place value concepts of whole numbers and decimals to hundredths
- Apply multiplication facts up to (10 x 10) and solve more complex multiplication problems using basic multiplication facts
- Revise subtraction with regrouping
- Consolidate the four operations (written and mental strategies)
- Use efficient written and mental strategies for division without remainders with some revision of the relationship between multiplication and division

Fractions and Decimals

- Revise fractions and decimals to tenths and hundredths, and make connections between fractions and decimals
- Consolidate equivalent fractions knowledge

MEASUREMENT AND GEOMETRY

Using units of measurement

- Investigate length and measure with appropriate terms
- Solve simple time problem scenarios including: conversions, time and calendar
- Create symmetrical patterns and shapes with and without the use of digital technology

STATISTICS AND PROBABILITY

Chance

- Identify everyday events where one cannot happen if the other happens and where one will not be affected by the occurrence of the other

Data representation and interpretation

- Pose questions and collect data through observations in Science and survey
- Construct displays including tables, column graphs and picture graphs

English

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 activities 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.

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 and record this information in their home reading log books. 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. Reading material will also be sent home as a part of the students' homework to help address the History and Science content covered at school this term.

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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. 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.

Literature

Short Story Studies

Students will finalise the remaining three chapters of *Frindle*, the novel that was started in Term 3. Students will then deconstruct several short texts including traditional tales and a quest story to compare the characters, setting and the author's vocabulary and style of writing. 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, view, interpret and create a multimodal text that informs. Students will broaden their understanding of an information report by writing a report about a chosen vegetable. They will also identify the structure and language features that make an information report effective.

History (H.A.S.S. – Humanities & Social Sciences)

Exploring the Impact of Colonisation

In this unit students will investigate what life was like for Aboriginal peoples and Torres Strait Islander peoples before the arrival of the Europeans. They will explore the nature and consequence of contact between Aboriginal peoples and Torres Strait Islanders and early traders, explorers and settlers. The historical period from 1450 to 1800 will be studied as children increase their awareness of the impact for the Aboriginals and the Europeans, whilst developing the ability to ask questions in order to complete research.

Technology – Design Technology

Students will investigate the suitability of materials, systems, components, tools and equipment for specific purposes. In relation to their Science unit, they will explore heating and cooling of materials. They will use the design process to design and produce a chocolate mould which will be printed using the 3D printer.

Music – Mr Neale

This Term, students will play musical games that reinforce the musical concepts learnt over the year. There will be a focus on musical elements – rhythm, pitch, dynamics and expression, form and structure and timbre. Through these elements, they will respond to and discuss music. The class will compose and perform a song about Australia using the recorder and voice.

Science – What's the Matter? Solids and Liquids

This term, students will conduct several investigations about the effects of heat on both solid objects and liquids. They will make and record observations and measurements in tables, and communicate ideas using labelled diagrams, models and simple reports. The focus areas will teach the students to:

- explore the properties of solids and liquids
- investigate how solids and liquids respond to heating and cooling
- understand and evaluate the concept of a fair test from a scientific point of view

Physical Education – Mr McKeiver

In this unit, students develop passing skills in Touch. They adopt inclusive practices and apply strategies for working cooperatively. They also apply rules fairly.

Tok Pisin – Ms Pesas

Health – I am Healthy and Active

In this unit students will investigate the concepts of physical activity and sedentary behaviours while exploring the recommendations of physical activity for 5 to 12 year olds. They will examine the benefits of physical activity, reflect on their own level of activity and investigate ways to increase physical activity in their lives.

Programs/Activities

Year 3/4 Assembly Presentation –Week 6, Friday 15th November
Physical Education: Monday
Library: Tuesday – students bring library bags and library books to return
Homework Club: Wednesday 3 – 4pm, weeks 2 - 9
Awards Night: Week 9, 4th December
Last day of school: Thursday, 5th December

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