Term 3 Curriculum Overview Year 5/6 2016

Religion

**Bible; Wisdom, Poetry and Song in the Old Testament**

**Enduring Understandings:** - We gain wisdom from different people, writing and experiences in our lives. Even though the wisdom writings of the Old Testament happened long ago, they still have meaning for us today. Like the wisdom writers of the Old Testament, we are called to reflect upon our history and our lives. Like the people of the Old Testament, we should pray about our joys and sorrows, our conflicts, our mistakes and our worries. Like the people of the Old Testament, we should praise God in prayer and song.

**Land, People, Spirit: Deepening Connections**

**Enduring Understandings:** - The Dreaming is the heart of Aboriginal Spirituality through which land, people and spirit are connected. To Christian people land and people are sacred, being the face of God in the world. Respect is a way of being for Aboriginal people. Christian disciples are also called to respect creation and people. In both Aboriginal and Christian spiritualities, connection with the ancestors and their life stories help us to create a future. Both Aboriginal and Christian people have special relationships with symbols. Aboriginal people have deep relationships with their totems. Christian people have a deep relationship with symbols; especially those express the Paschal Mystery (the living, dying and rising of Jesus). Both Aboriginal people have sacred places that help them to express and experience who they are to each other and to creation and for Christian people to God. Aboriginal people know their country and have a special relationship with it. We can learn from their connection with land.

Mathematics

**Multiplication & Division** Select & apply appropriate mental, written or calculator strategies for multiplication and division. Use formal written algorithms for multiplication and division to two digit numbers. Explore prime & composite numbers.

**Data** Determine the mean (average) for a small set of data. Draw picture, column, line and divided bar graphs using scales of many-to-one correspondence. Read & interpret sector (pie) graphs. Read & interpret graphs with scales of many-to-one correspondence.

**Patterns & Algebra** Complete number sentences that involve more than one operation by calculating missing values. Construct a number sentence to match a problem presented in words that requires finding an unknown. Recognise that the Cartesian plane is a visual way of describing location on a grid and that the number plane consists of a horizontal axis (x-axis) and a vertical axis (y-axis), creating four quadrants.

**Mass** Recognise the need for tonnes. Convert between kilograms and grams and between kilograms and tonnes. Select and use the appropriate unit and device to measure mass. Round mass using decimal notation to three decimal places.

**Fractions & Decimals** Add & subtract simple fractions where one denominator is a multiple of the other. Multiply simple fractions by whole numbers. Calculate unit fractions of a number. Calculate simple percentages of quantities. Apply the four operations to money in real-life situations. Model, compare and represent commonly used fractions (denominators 2, 3, 4, 5, 6, 8, 10, 12,100). Express a mixed numeral as an improper fraction & vice versa. Multiply & divide decimals by whole numbers in everyday context.

**3D** Identify three-dimensional objects, including particular prisms and pyramids, on the basis of their properties. Construct three-dimensional models given drawings of different views

**Addition & Subtraction** Add combinations of 4 to 7 digit numbers to 1 000 000; use mental strategies to solve addition problems; add numbers with & without trading to 999 999.

Subtract numbers up to 4 or 5 digits, counting on & comparison methods; subtract from 4 & 5 digit numbers recording the operation in the form of an algorithm, with and without trading;

**Whole Number** Read & Write numbers beyond a million in numerals & words; order numbers up to 1 000 000; state the place value of any digit in a seven digit number.

**Area** Recognise the need for square centimetres & square metres to measure area. Estimate, measure, compare and record areas in square centimetres and square metres.

**Volume & Capacity** Recognise and discuss the need for a unit smaller than the litre; use a one litre container calibrated in multiples of 100mL, 10mL & 1 mL; make & use calibrated 100mL measures; recognise the relationship between one millilitre & one cubic centimetre; construct 3-D objects using cubic centimetres and use estimation & counting to determine volume; express ideas of conservation of volume.

**Position** Use & describe simple coordinates to specify position; draw simple routes on a grid. Use a compass effectively to find a position within the school grounds. Write and follow directions using effective positional language.
Geography

A Diverse and Connected World
Students explore countries of the Asia region and the connections Australia has with other countries across the world. Students learn about the diversity of the world’s people, including the indigenous peoples of other countries. Students will explore and reflect upon similarities, differences and the importance of intercultural understanding.

How do places, people and cultures differ across the world?
What are Australia’s global connections?
How do people’s connections to places affect their perception of them?

English

READING & VIEWING
• use an integrated range of skills, strategies and knowledge to read, view and comprehend the selected text of CHINESE CINDERELLA by Adeline Yen Mai.
• discuss how language is used to achieve the purpose for the audience and context.
• draw on appropriate strategies to accurately spell familiar and unfamiliar words.
• present well-structured and coherent texts
• communicate effectively for a variety of audiences and purposes using increasingly challenging topics, ideas, issues and language forms and features
• use knowledge of sentence structure, grammar, punctuation and vocabulary to respond to and compose clear and cohesive texts
• think imaginatively, creatively, interpretively and critically about information and ideas and identify connections between texts when responding to and composing texts.
• identify and consider how different viewpoints of their world, including aspects of culture, are represented in texts.
• draw on appropriate strategies to accurately spell familiar and unfamiliar words when composing texts.
• recognise, reflect on and assess their strengths as a learner.

WRITING & REPRESENTING
• use an integrated range of skills, strategies and knowledge to read, view and comprehend the selected text of CHINESE CINDERELLA by Adeline Yen Mai.
• discuss how language is used to achieve the purpose for the audience and context.
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SPEAKING & LISTENING
Public Speaking:- The purpose of the students talk is to show consideration for:-
• the range of audience to whom they are presenting
• use of appropriate language
• oral expression and intonation
• voice projection
• physical stance
• evaluation of own performance as well as peers in a positive and productive manner

SPELLING
Continued learning of word lists from writing & text book. Working through weekly contract activities. Spelling difficult words; Word families of letters & sounds; Frequently occurring sight words; Patterns in words; Building on words.

HANDWRITING
Revision, reinforcement and practise of letter shape, slope, joins and fluency with the aim of mastering the ‘Foundation Style’ of handwriting. Speed loops will be developed.

Creative Arts

PLACES & SPACES Art from other cultures
Students will study a variety of artworks from Asian Cultures including paintings, drawings, photographs, video and digital works, sculptures, installations and buildings, prints and posters, digital animations, ceramic and fibre works. They will examine a range of concepts used by artists such as colour and identify some of the reasons why artworks are made. They will learn to recognise how subject matter can mean different things in artworks and they will explore
subject matter of personal and social interest from particular viewpoints of different ‘Asian’ artists including issues, activities and events in the community and global environment, places and spaces, people, objects and fantasies.

Physical Education, Personal Development & Health

**PE - Athletics Carnival (Week 2)**
- Marty Sports. Fundamental Motor Skills – Sprint Run, Dodge, Vertical Jump, Leap & Skip. These will be integrated with team sports and fitness routines.
- Flip Sports – outsourced Gymnastics program on Fridays

**PDH – I LIKE ME**

**Essential Questions**
- How does my body grow and change?
- How do body changes affect the way I think and feel?
- How do my values affect the choices I make?

Science and Technology

**Earth and Space Sciences**

Term 3 will commence with the continuation of the ‘Myscience Investigations’ and Fair Testing around LIGHT ENERGY and concluding with our ‘Science fair’.

We will then start a new unit on ‘Creators and Destroyers’. The purpose of this unit of work is to capture the student’s interest in geological changes and how extreme weather events can effect Earth’s surface. Students will study: the effects of a volcanic eruption; learn about the relationship between volcano shape and lava viscosity; know benefits and risks of living near volcanos; represent and explain their understanding of the formation and effects of volcanic eruptions on the Earth’s surface; conduct & analyse an investigation of where the majority of Earth’s volcanoes are located and why?