

2021 TERM 4 OVERVIEW YEAR 4/5 POTTER

Civics and Citizenship

What is democracy in Australia and why is voting in a democracy important?

Students will develop an understanding about government and democracy, laws and citizens, diversity and identity. Students are introduced to the key values of Australia's democratic system of government, such as freedom, equality, fairness and justice.

Students begin to understand representative democracy by examining the features of the voting process in Australia. Students expand their knowledge of the law by studying the role of laws and law enforcement. Students investigate how diverse groups cooperate in our community.



Mathematics

Patterns and Algebra

Year 5:

- Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction.
- Find unknown quantities in number sentences involving multiplication and division and identify equivalent number sentences involving multiplication and division.

Year 4:

- Explore and describe number patterns resulting from performing multiplication.
- Solve word problems by using number sentences involving multiplication or division where there is no remainder.
- Find unknown quantities in number sentences involving addition and subtraction and identify equivalent number sentences involving addition and subtraction.

Statistics and Probability/Chance and Data

Year 4:

- Describe possible everyday events and order their chances of occurring, select and trial methods for data collection, including survey questions and recording sheets.
- Construct suitable data displays, with and without the use of digital technologies, from given or collected data. Include tables, column graphs and picture graphs where one picture can represent many data values.

Year 5:

- List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions, recognise that probabilities range from 0 to 1.
- Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies.
- Pose questions and collect categorical or numerical data by observation or survey.

Science - with Alice Rawsthorn

Physical Science

Students will explore observable phenomena associated with light and understand light from a source forms shadows, and can be absorbed, reflected, and refracted. They will investigate Aboriginal peoples' understanding of refraction as experienced in spear fishing. Students will explore and investigate many properties of light and test predictions by gathering data and using evidence to develop explanations of events and phenomena. They will consider the impact of light technology on their own lives develop an understanding that scientific knowledge is used to solve problems and inform personal and community decisions.

French with Ms Yvette

PE with Mr Aka



English

Genre Writing: Narrative/spooky imaginative texts

Grammar/language features:

- past tense
- prepositional phrases & adverbs of time & place to establish setting
- time connectives to sequence events
- range of verb types: doing/action verbs in comp & resolution as action unfolds
- relating verbs to describe
- saying verbs used in dialogue
- thinking & feeling verbs to reflect characters' internal world
- noun groups to build description of characters, places, things
- attitudes expressed through evaluative language choices to convey likes or dislikes, judgement of characters' actions or behaviours, appreciation of appearances or object etc
- figurative lang: simile, metaphor
- proofreading & editing skills



Spelling:

Students will understand how to use knowledge of known words, base words, prefixes and suffixes, word origins, letter patterns and spelling generalisations to spell new words. E.g. learning that many complex words were originally hyphenated but are now written without a hyphen, for example 'uncommon', 'renew', 'email' and 'refine'

Reading and Comprehension

Read to self - Students will use comprehension strategies to make personal connections from texts with:

- something in their own life (text to self)
- another text (text to text)
- something occurring in the world (text to world)

Shared Reading: Mr Bambuckles the Remarkables: Fight Back (no.2)

Listening: Behind the News (BTN), ABC's War on Waste

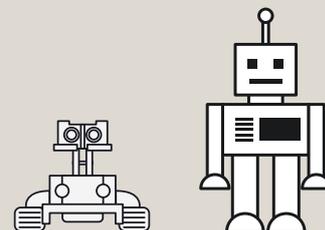
Mentor texts: The Pomegranate Witch by Denise Doyen, Angela Carter's book of Fairytales (Little Red Riding Hood), The Curious Crusaders by Stephanie Mulrooney, Rowley Jefferson's Awesome Friendly Spooky Stories.

Robotics: WeDo 2.0 Projects

Students will be further developing understanding and skills in computational thinking such as categorising and outlining procedures; and developing an increasing awareness of how digital systems are used and could be used at home, in school and the local community.

Projects include:

- Space rover
- Grabbing objects
- Send messages
- Volcano Alert
- Prevent flooding
- Sort and recycle



Health

Keeping Safe Curriculum Focus Area 3 & 4: Recognising and reporting abuse

Students will continue developing strategies for keeping safe at school and within the community, as well as, explore ways in which we can be safe online. Topics will include:

- Public and private, Safe and unsafe touching
- Safe and unsafe secrets
- Cyber safety
- Inappropriate and offensive material
- Sharing personal information and images
- Problem solving
- Resilience
- Persistence

