



Year Six

Term Four Newsletter

Sherwood State School

2018

WHAT WE'RE DOING IN TERM FOUR!

Greetings from 6M and 6S at Sherwood SS!

Welcome to Term 4! We hope you had a happy and restful break.

Important reminder

Please ensure that students remember to bring their diaries to school every day, as this is an invaluable way of communicating with home.

Library Borrowing has continued this term (a named waterproof library bag is required to borrow books).

Please give students sufficient computer time at home to complete Mathematics homework tasks.

Swimming Starts Week 3
6S – Tuesdays at 9am – 10am
6M – Wednesdays 11:45am – 12:45pm

What are we up to?

Following is an overview of what the children will be studying during Term Four in English;

Mathematics, Science, HASS, Technology and Art.

English

In this unit, students listen to, read, view and analyse literary and informative texts on the same topic. Students explore and evaluate how topics and messages are conveyed through both literary (imaginative) and informative texts. Students identify the author's purpose and analyse similarities and differences in texts. They compare and analyse the effectiveness of each text in its ability to deliver a message. They write arguments persuading others to a particular point of view using specific structural and language features studied during the unit.

Mathematics

Unit 4

In this unit, students will apply a variety of mathematical concepts in real-life, lifelike and purely mathematical situations.

- **Fractions and decimals** - add, subtract and multiply decimals; divide decimals by whole numbers; calculate a fraction of a quantity and percentage discount;

compare and evaluate shopping options.

- **Patterns and algebra and Number and place value** - represent number patterns in a table and graphically, use rules to continue patterns, write a rule to describe a pattern, apply the rule to find the value of unknown terms, solve integer problems, plot coordinates in all four quadrants, solve problems using the order of operations, and solve multiplication and division problems using a written algorithm.
- **Using units of measurement** - Interpret and use timetables
- **Location and transformation** - apply translations, reflections and rotations to create symmetrical shapes.
- **Geometric reasoning** - measure and describe angles, apply generalisations about angles on a straight line, angles at a point and vertically opposite angles and apply in real-life contexts.
- **Chance** - conduct chance experiments; record data in a frequency table; calculate relative frequency; write probability as a fraction, decimal or per cent;

compare observed and expected frequencies.

- **Data representation and interpretation** - compare primary and secondary data, source secondary data, explore data displays in the media, identify how displays can be misleading, represent data from a chance experiment, problem solve and reason by interpreting secondary data.

Science

Life on Earth

In this unit, students will explore the environmental conditions that affect the growth and survival of living things. They will use simulations to plan and conduct fair tests and analyse the results of these tests. Students will pose questions, plan and conduct investigations into the environmental factors that affect the growth of living things. They will gather, record and interpret observations relating to their investigations. Students will consider human impact on the environment and how science knowledge can be used to inform personal and community decisions. They will recommend actions to develop environments for native plants and animals.

H.A.S.S Unit 2

In this unit, students:

- recognise the responsibilities of electors and representatives in Australia's democracy
- consider the shared values, right and responsibilities of Australian citizenship and obligations that people may have as global citizens
- identify different points of view and solutions to an issue
- generate alternative responses to an issue, use criteria to make decisions and identify the advantages and disadvantages of preferring one decision over others
- examine continuities and changes in the experiences of Australian democracy and citizenship, including the status and rights of

Aboriginal and Torres Strait Islander Peoples, women and children

- investigate stories of groups of people who migrated to Australia since Federation
- sequence information about events and represent time by creating timelines
- present ideas, findings, viewpoints and conclusions in a range of communication forms that incorporate source materials

6S Digital Technology

In Term 4, 6S will be creating a maze game in Scratch. This will involve students creating 'if/then/else' statements and designing process flow diagrams to visualize the repetition and branching algorithms they will use in the program.

6M Design Technology

In Term 4, 6M will be continuing their Technology unit from Term 3; they will create a prototype natural disaster suit from mock materials, substituting common materials like paper, tape and foil for the real-world equivalents of canvas, inelastic fabrics and thermal insulation.

Arts – Media

Students will explore the purpose of music videos and work, both independently and collaboratively, to create a story board for a music video.

Contacts

If you have any queries about what we are studying in the classroom or have any questions about timetables, etc, please contact your child's teacher either via your child's student diary or email:

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