



Seven Hills West Public School

Respectful, Safe, Responsible Learners

Science and Technology & Future Focused Learning Program

Term 3



Dear Parent/Caregiver,

Welcome back to Seven Hills West for Term 3. We hope you had an enjoyable break and welcome new families and students to our school. We trust that your child is ready for an exciting and busy term, full of engaging learning activities and opportunities at Seven Hills West Public School!

Science and Technology Future Focused Learning Program

Mr Robert Blood (Science)
Mrs Shalini Gupta (Science/STEM)
Ms Jenny Johnston (Library & Design & Information Integration Specialist)

Ms Johnston and Mrs Gupta are both excited about running their programs this semester. Ms Johnston is re-designing the Library Makerspace. This will ensure that students are able to navigate and explore different avenues of their STEAM projects in a manner that is safe, collaborative, and most of all innovative!

In Term 3, students in each Stage will have the opportunity to combine their scientific knowledge about materials with micro:bit technology. As Futures Focused learners, students will undergo a process of understanding the needs of their audience in order to solve real-world problems in Science and Technology. In doing so, students will use their research skills to ideate, prototype and test their designs. Adjustments will be made to ensure student needs are met from special needs to high ability. Watch this space! Students will surely be keen to share the processes of their learning journey with you all!

Overview of Term 3 Programs

Whole School Science/STEM Program - "The Material World"

In Science this term students explore the conceptual unit: "The material world". In this unit students will explore the different states of matter as apparent in their everyday lives. Students will gain an understanding of certain tenets of the particle theory, they will explore reversible and irreversible changes to material. Furthermore, students will explore the different properties matter, such as viscosity and melting point, through experiments.

Students will be provided with opportunities to demonstrate their learning through a wide variety of activities. These include:

- Inquiry of the scientific method.
- Understanding and design of fair and testable scientific method.
- Generation of testable hypotheses.
- investigation and problem-solving activities.
- spoken and written responses, incorporating drawings, symbols and words.
- Discuss the limitations of models in regard to the particle theory.





Seven Hills West Public School

Respectful, Safe, Responsible Learners

Future Focused Learning - Design and Information

In the Design and Information workshops, students will develop ICT and Design Skills through collaborative project-based learning. The following units will be taught in the classes below:

- Kindergarten: Bridges are made for Travelling Project.
- Y1-2: Eco-friendly Electronic Toys Project.
- Y3-4: Soil Drought Project.
- Y5-6: Health Tech Project.

LIBRARY

Restrictions are currently in place regarding borrowing of library books. News will be shared in our school newsletter informing parents and carers when students are permitted to borrow books.

UPCOMING EVENTS

August 10 th	Tell Them From Me survey opens. Notes will be shared for parents to complete the survey.
August 17 th	Whole School Photos- Emu group and K-6 students ICAS Science (this week)
August 20 th	School Photos- Wombat group
September 16	OC Class Test (Registered Year 4 students only)
September 25 th	Last day of Term 3

Ms S Clements
Principal
07.08.20

Mr R Blood
Assistant Principal

Ms J Johnston & Mrs S Gupta
RFF/Design & Information STEMS Specialist
Teachers

