

2025 STEAM WEEK AT ASCOT STATE SCHOOL

16 October 2025

In Week 4 (27th–31st October), we will be celebrating Ascot's annual **STEAM Week** — a celebration of **Science, Technology, Engineering, the Arts and Mathematics**.

Throughout the week, students will have the opportunity to take part in a **whole-school incursion by Street Science**, as well as participate in a range of engaging **lunchtime, class-based activities and competitions**. Participation in these additional activities is optional.

Activity Costs:

Incursion costs were included earlier in the year, via the Student Resource Scheme (SRS).

Street Science Incursion	Prep	Snow Making: Students will engage in a dynamic and highly interactive 30-minute stage show. The show is followed by hands-on investigation sessions, where each student makes and explores the unique properties of instant snow.
	Year 1	Cheeky Changes: Students will be guided through a procedure and discussions to make, describe and compare physical changes of PVA bouncy balls.
	Year 2	Perfect Polymers: Students investigate the properties of different materials, combining safe chemicals to make and describe their very own slime and instant snow.
	Year 3	Hardcore Heat: Students will be introduced to the fundamentals of chemical reactions by using thermometers to measure how heat can be produced and absorbed.
	Year 4	Rocket Science: Students will investigate Newton's laws of physics within the stimulating context of building and launching CO2 rockets.
	Year 5	Perfect Polymers – Non-Newtonian Fluids: Students will discuss the motion and arrangement of particles within solids, liquids and gases and how this impacts observable properties. Students will investigate mysterious polymers.
	Year 6	Perfect Polymers - Chemistry in Action: Students apply their understanding of fair testing to create two different polymers by changing one variable. They then explore another polymer that demonstrates a reversible physical change.

STEAM Week Competitions

All students are invited to participate in our STEAM Week competitions. We have **two** competitions running during STEAM Week.

1. Create a 1 minute video or poster showcasing a science experiment that you have conducted
2. Maths photo competition

Think U Know Cyber Safety Workshops for Students

All Year 2-5 students will participate in a workshop presented by Think U Know - an education program led by the Australian Federal Police. This presentation aims to equip children in navigating the online world responsibly and securely.



Kind regards,

Kristine

Kristine Atkins (Head of Department – Curriculum)

