

Thursday 10<sup>th</sup> August – Wednesday 17<sup>th</sup> August 2017

**“STEM (Science, Technology, Engineering and Maths)  
gives Earth a future”**

**You will need to report to the Main Office on Elizabeth Street at least 5 minutes prior to the commencement of your scheduled activity.**

**Please ensure your class group have name tags on the day  
(using a \* on the name tag indicating any student who does not have permission to have their photo taken)**

Time	Activity	Age Group
<b>Thursday 10 August</b>		
10:00 – 11:00	<b>Under the Sea NEW</b> Simple creative activities organised by our Children Studies students. (NMor – Playgroup Room)	Kinder – Prep <b>(max 25 students)</b>
11:15 – 12:15	<b>Hear the engines ROAR</b> Visit the automotive workshop, pull things apart, rev the engines and learn about the science behind it all. (RRee – T112)	Grade 4/5
11:15 – 12:15	<b>Student Directed Science</b> College students will choose an activity to do with students from 1001 Cool Science Experiments. (BPay – B306)	Grade 4
11:20 – 12:20	<b>Logic &amp; Truth Tables</b> We will explore logic problems and students will learn how to use truth tables to solve logic problems. (ABla – D106)	Grade 5/6
11:20 – 12:20	<b>A journey into the brain of Shakespeare</b> If you love blood, guts and gore, and finding out what’s at the core, come and dissect the biggest, bardiest brain of all. (SCup – F203)	Grade 5
11:25 – 12:25	<b>Out of the Zoo</b> Have your face painted by an upcoming film makeup artist! With an animal theme. (AMRan – T101)	Grade 1/2
12:00 – 1:00	<b>Under the Sea NEW</b> Simple creative activities organised by our Children Studies students. (LDev – Playgroup Room)	Kinder – Prep <b>(max 25 students)</b>
1:30 – 2:30	<b>Physics</b> Come along and have some hands of fun exploring a selection of the exciting apparatus that we have on offer in our physics laboratories. (LYat – B315)	Grade 5/6
1:30 – 2:30	<b>Hear the engines ROAR</b> Visit the automotive workshop, pull things apart, rev the engines and learn about the science behind it all. (RRee – T112)	Grade 4/5
1:30 – 2:30	<b>Sparks and Skill</b> Investigate electronic circuits and learn to solder as you test your hand eye coordination on a game of skill. (BHen – T109)	Grade 3/4 <b>(max 25 students)</b>
<b>Friday 11 August</b>		
	Festival of Bright Ideas	

**Monday 14 August**

9:20 – 10:20	<b>Start of Life</b> Baby chickens, terrariums and mosses. (MGos – B301)	Prep - 2
11:00 – 12:00	<b>Start of Life</b> Baby chickens, terrariums and mosses. (MGos – B301)	Prep - 2
11:00 – 12:00	<b>Student Directed Science</b> College students will choose an activity to do with students from 1001 Cool Science Experiments. (SDod - B315)	Grade 3/4
11:00 – 12:00	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B306)	Kinder - 2
11:00 – 12:00	<b>Sparks and Skill</b> Investigate electronic circuits and learn to solder as you test your hand eye coordination on a game of skill. (BPay – T109)	Grade 4 <b>(max 25 students)</b>
11:00 – 12:00	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (SBri - Gym)	Grade 5/6
1:15 – 2:15	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B306)	Kinder - 2
1:15 – 2:15	<b>Fun with Maths</b> Fun with different ways of measuring. (DSmy – D101)	Kinder - 1
1:30 – 2:30	<b>Reebop Genetics</b> Use genetics to make your own creature. (LJon – B301)	Grade 5/6
1:30 – 2:30	<b>The Physical World Around Us</b> Physics students will set up and demonstrate many of the Physics experiments – including Van de Graf generator, vibrations in strings, optical fiber, lenses etc. (BPay – B315)	Grade 4/5
1:30 – 2:30	<b>Built for Speed</b> Harness Newton’s Third Law and design your own Balloon Powered Dragster. (JSch – Gym)	Grade 5/6
1:30 – 2:30	<b>Sparks and Skill</b> Investigate electronic circuits and learn to solder as you test your hand eye coordination on a game of skill. (LYat – T109)	Grade 4 <b>(max 25 students)</b>
1:30 – 2:30	<b>Spaghetti Bridge</b> Working in small groups, you will use raw spaghetti and marshmallows to make the strongest bridge you can! (JRaI – D106)	Grade 4 - 6

**Tuesday 15 August**

9:00 – 10:00	<b>Reebop Genetics</b> Use genetics to make your own creature. (LJon – B301)	Grade 5/6
9:00 – 10:00	<b>A journey into the brain of Shakespeare</b> If you love blood, guts and gore, and finding out what’s at the core, come and dissect the biggest, bardiest brain of all. (SCup – F203)	Grade 5
9:00 – 10:00	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (JVre - Gym)	Grade 5/6
11:15 – 12:15	<b>Start of Life</b> Baby chickens, terrariums and mosses. (MGos – B301)	Prep - 2
11:15 – 12:15	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B306)	Kinder - 2
11:20 – 12:20	<b>Tassie Trees and Timber</b> We will investigate some properties of WOOD and where it comes from - our amazing Tassie trees! (PMac – T116)	Grade 3/4
11:20 – 12:20	<b>Bungee Toys</b> How close can your toy get to the ground from great height without hitting? (JHoa – D101)	Grade 5/6

11:20 – 12:20	<b>Maths, Graphs and Popcorn</b> Study graphing using the amount of popping corn over time. (Note: popcorn only exists because of Chemistry) (LJon – D106)	Grade 5/6
11:25 – 12:25	<b>Out of the Zoo</b> Have your face painted by an upcoming film makeup artist! With an animal theme. (AMRan – T101)	Grade 1/2
11:30 – 12:30	<b>Chemical Reactions</b> Lots of colour, fizz, heat and Harry Potter magic. (SSau – B310)	Grade 3/4
1:30 – 2:30	<b>Up in the Air</b> Experiments with hot air, balloons and things that surprise. (WWal - B310)	Grade 5/6
1:30 – 2:30	<b>Pimp my Prog</b> <b>NEW</b> Customise a computer game, changing the levels, characters, and behaviours to make it your own. (SDodg – T301)	Grade 3 - 6 <b>(max 25 students)</b>
<b>Wednesday 16 August</b>		
9:00 – 10:00	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (JVre - Gym)	Grade 5/6
9:20 – 10:20	<b>Red Cabbage Indicator</b> Can you tell the pH using a vegetable? (JHoa – B306)	Grade 5/6
11:30 – 12:30	<b>Fun with Maths</b> Fun with different ways of measuring. (DSmy – D101)	Kinder - 1
11:30 – 12:30	<b>Bungee Toys</b> How close can your toy get to the ground from great height without hitting? (JHoa – B310)	Grade 5/6
11:30 – 12:30	<b>Google Earth Challenge</b> Outdoor fun, measurement, trundle wheels and Google Earth. (DBro – D110)	Grade 3 - 5
11:30 – 12:30	<b>An Hour of Code</b> <b>NEW</b> Ever wanted to learn to code? In this session, you could make your own Flappy game, build a Star Wars galaxy or help characters complete tasks. No previous experience necessary. JRal (D106)	Grade 2 - 4
1:15 – 2:15	<b>Fun with Maths</b> Fun with different ways of measuring. (DSmy – D101)	Kinder - 1
1:30 – 2:30	<b>Photogram: Revealing the Shape</b> Watch images appear without a camera. (CSie – T210)	Grade 5
1:30 – 2:30	<b>Up in the Air</b> Experiments with hot air, balloons and things that surprise. (WWal - B310)	Grade 5/6
1:30 – 2:30	<b>Maths, Graphs and Popcorn</b> Study graphing using the amount of popping corn over time. (Note: popcorn only exists because of Chemistry) (BPa – F212)	Grade 2 - 4
1:30 – 2:30	<b>Google Earth Challenge</b> Outdoor fun, measurement, trundle wheels and Google Earth. (DBro – D110)	Grade 3 - 5
1:30 – 2:30	<b>Red Cabbage Indicator</b> Can you tell the pH using a vegetable? (JHoa – B306)	Grade 5/6
1:30 – 2:30	<b>Start of Life</b> Baby chickens, terrariums and mosses. (SSau – B301)	Prep - 2