

## 14<sup>th</sup> ANNUAL NATIONAL SCIENCE WEEK 2014 ELIZABETH COLLEGE

Thursday 14 August – Friday 22 August 2014

**“Science for our future; Science in the World”**

ACTIVITIES WILL BE HIGHLIGHTED PINK AS THEY ARE FILLED  
The schedule will be updated online at the end of each day

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

Time	Activity	Suitable For
<b>Thursday 14 August</b>		
9.15am – 10.15am	<b>The Science of Words</b> Create a Superhero with your brain & a pencil. (CCar – F201)	Grades 4 - 6
9.00am – 10.00am	<b>Solar Passive Model</b> Building a solar passive house how to keep it cool in summer and warm in winter. (DGer – T104)	Grades 3 - 4
11.15am – 12.30pm	<b>Sparks and Quarks</b> Investigate electronic circuits and learn to solder as you build a small electronic gadget that you can take home. (BPay – T109)	Grades 5 - 6
11.30am – 12.30pm	<b>What you see is what you get</b> Your brain and your body. (JSch – B306)	Grades 4 - 6
11.30am – 12.30pm	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B310)	Grades K - 3
1.30pm – 2.30pm	<b>What you see is what you get</b> Your brain and your body. (JSch – B306)	Grades 4 - 6
<b>Friday 15 August</b>		
11.00am – 12.00pm	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (JPav – Gym)	Grades 4 – 6
11.00am – 12.00pm	<b>Student Directed Science</b> College students will choose and activity to do with students from 1001 Cool Science Experiments. (BPay – B306)	Grades 2 - 4

1.30pm – 2.30pm	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (ADir – Gym)	Grades 4 – 6
<b>Monday 18 August</b>		
9.00am – 10.00am	<b>Up in the Air</b> Experiments with hot air, balloons and things that surprise. (WWal - B310)	Grades 4 - 6
11.00am – 12.00pm	<b>Sports Science Fitness Testing</b> Test your fitness like the AFL players do. (OCl – Gym)	Grades 4 – 6
11.00am – 12.00pm	<b>Student Directed Science</b> College students will choose an activity to do with students from 1001 Cool Science Experiments. (BPay – B306)	Grades 2 - 4
11.00am – 12.00pm	<b>Up in the Air</b> Experiments with hot air, balloons and things that surprise. (WWal - B310)	Grades 4 - 6
1.30pm – 2.45pm	<b>Sparks and Quarks</b> Investigate electronic circuits and learn to solder as you build a small electronic gadget that you can take home. (LYat – T109)	Grades 5 - 6
1.30pm – 2.30pm	<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 fibre, lenses etc. (BPay – B315)	Grades 3 - 6
1.30pm – 2.30pm	<b>Food and Science</b> Have you ever tasted Dr. Seuss' green egg? Why do the raw dumplings sink to the bottom of the pot, but float to the surface of the water when they are cooked? Why do the prawn crackers blossom in hot oil? Find the science behind the food in the kitchen. It is fun with science, especially with the delicious Chinese food. (BXu – B106)	Grades 4 - 6
1.30pm – 2.30pm	<b>Art &amp; Science together with Oil &amp; Water</b> Spend an hour using the reaction between oil and water to do make a special paper (marbled paper). (JDip - B213)	Grades K – 3 <b>Please note: some parent help would be great!</b>
1.30pm – 2.30pm	<b>Logic &amp; Truth Tables</b> We will explore logic problems and students will learn how to use truth tables to solve logic problems. (MGra – B310)	Grades 6
1.30pm – 2.30pm	<b>Perimeter Walk</b> Outdoor fun, measurement, trundle wheels and Google Earth. (DBro – D110)	Grades 4 - 6

1.30pm – 2.30pm	<b>Passing it on – Genes, Germs and Food</b> Working out how we pass on these things, as well as looking at our brain and colours, and searching for water bugs. (MGos – B301)	Grades 2 - 4
<b>Tuesday 19 August</b>		
9.15am – 10.15am	<b>What you see is what you get</b> Your brain and your body. (JSch – B306)	Grades 4 - 6
11.00am – 12.00pm	<b>Working with Technology</b> Working in the technology workshop to see if you can do some of the things that Bob does – such as terrifying insects!! (SGor – T116)	Grades 4 - 5
11.00am – 12.00pm	<b>Astronomy</b> An exciting introduction to everything in the universe. Take a stunning guided tour of the planets, moons, stars, nebulae and galaxies with Richard who will also show you the latest Astronomy software and printed star maps you can use to look at the night sky. (RGru - SRm 1)	Grades 5 - 6
11.15am – 12.30pm	<b>Bugs and Insects</b> Simple creative activities organised by our Children Studies students. (YSyp – Playgroup Room)	Grades K - 1
11.15am – 12.15pm	<b>Perimeter Walk</b> Outdoor fun, measurement, trundle wheels and Google Earth. (DBro – D110)	Grades 4 - 6
11.30am – 12.30pm	<b>Chemical Reactions</b> Lots of colour, fizz, heat and Harry Potter magic. (SSau – B306)	Grades 3 - 6
11.30am – 12.30pm	<b>Up in the Air</b> Experiments with hot air, balloons and things that surprise. (WWal - B310)	Grades 4 - 6
1.45pm – 2.45pm	<b>Maths, Graphs and Popcorn</b> Study graphing using the amount of popping corn over time. (Note- popcorn only exists because of Chemistry). (ARom - D106)	Grades 4 - 6
<b>Wednesday 20 August</b>		
9.00am – 10.00am	<b>Solar Passive Model</b> Building a solar passive house how to keep it cool in summer and warm in winter. (DGer – T104)	Grades 3 - 4
9.30am – 10.30am	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B310)	Grades K - 3
11.30am – 12.30pm	<b>Passing it on – Genes, Germs and Food</b> Working out how we pass on these things, as well as looking at our brain and colours, and searching for water bugs. (MGos – B301)	Grades 2 - 4
11.30am – 12.30pm	<b>See the Light</b> Students will see light change with photographic paper. (JDip – T210)	Grades 5 - 6

11.30am – 12.30pm	<b>Perimeter Walk</b> Outdoor fun, measurement, trundle wheels and Google Earth. (AKer – D110)	Grades 4 - 6
11.30am – 12.30pm	<b>Wonder of Science</b> Powder, slime, gases and smells. (DBes - B310)	Grades K - 3
1.30pm – 2.30pm	<b>Passing it on – Genes, Germs and Food</b> Working out how we pass on these things, as well as looking at our brain and colours, and searching for water bugs. (MGos – B301)	Grades 2 - 4
1.30pm – 2.30pm	<b>Hear the engines ROAR</b> Visit the automotive workshop and learn about engines and how we make cars work. (RRee – T112)	Grades 4 - 6
<b>Thursday 21 August</b>		
11.30am – 12.30pm	<b>All things Chocolate</b> Mystery, mood, melting and measurement. (SSau – D106)	Grades 2 - 3
11.30am – 12.30pm	<b>Passing it on – Genes, Germs and Food</b> Working out how we pass on these things, as well as looking at our brain and colours, and searching for water bugs. (MGos – B301)	Grades 2 - 4
11.30am – 12.30pm	<b>Hear the engines ROAR</b> Visit the automotive workshop and learn about engines and how we make cars work. (RRee – T112)	Grades 4 - 6
1.30pm – 2.30pm	<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)	Grades 4 - 6