

## Science Agreement at Brighton Primary School

**A Brighton Primary School we believe that a whole school approach to Science is necessary to support and challenge all students. This agreement provides the expectations for teaching and learning in Science.**

**Target:** Students achieve age appropriate outcomes as outlined in Primary Connections units.

In 2011 all schools are required to implement a minimum teaching time for science of 120 minutes for years 4 to 7 students and 90 minutes for R- 3 students.

Brighton PS teachers will use the comprehensive knowledge and expertise developed through the Primary Science strategy in 2010 to implement further units from the Primary Connections Program. Staff are aware that these units provide trialled units of practice which incorporate the 5 E methodology and that they can use them as models to develop their own units.

Teachers will use the Unit Map developed in consultation with the Holdfast Cluster Schools in 2010 to implement a minimum two units in 2011.

Teachers are able to access the Science budget to assemble kits for Science units appropriate to their classes. Kit preparation can be a shared responsibility of the Professional Learning team.

2011 is a familiarisation year for the Australian Curriculum in Science and staff will explore and engage with the on-line curriculum prior to the implementation of the curriculum for assessment in 2012.

Staff can draw learning outcomes for units being taught from SACSA, the Primary Connections Units and the Achievement Standards of Australian Curriculum: Science.

Professional learning teams will moderate the units to ensure continuity across year levels.

The school will foster a learning culture that encourages interest in science through a range of strategies which utilise school resources, foster a culture of inquiry and environmental awareness, encourage human endeavour, make links to the broader community and support students in developing ethical perspectives.

Unit Map – Primary Connections – Holdfast Cluster – Two units per year

Odd year / Even year Rotation

Year Level	Odd Years – 2011 / 2013	Even Years – 2012 / 2014	Possible Units for Composite Classes - 2011
Reception	Weather in my World What's it made of? (T2)	Staying Alive On the Move	R/1 Weather in my World Spot the difference (T2)
Year 1	Spot the difference (T2) Sounds sensations	Up, down and all around Schoolyard Safari	Yr 1/2 Spot the difference (T2) Sounds sensations
Year 2	Spot the difference (T2) Sounds sensations	Water works Growing and changing	Yr 2/3 Sounds sensations Plants in action (T2)
Year 3	Plants in action (T2) Light fantastic	Spinning in space Runny or not	Yr 4/5 Smooth Moves Package it better (T2)
Year 4	Material World (T2) Smooth Moves	Feather, fur or scales? Buried in time	Yr 6/7 Earthquake explorers Marvellous micro-organism (T2)
Year 5	Package it better (T2) Marvellous micro-organism	It's electrifying Space	
Year 6	Earthquake explorers Marvellous micro-organism (T2)	Life in the Balance Essential energy	
Year 7	*New unit - TBA*	*New unit*	

2011 is Year of Forest and Year of Chemistry so units from Biology and Chemistry have been placed.

(T2) – All school across the Holdfast Cluster to teach common units in Term 2, allowing teachers across the