



### **Woy Woy Public School P-6 Science Fair** **Celebrating Earth Science Week 9th-15th October**

Dear Parents and Caregivers,

Woy Woy Public School will be holding its first P-6 Science Fair in **Term 4, Week 1**. This week will be broken up over 3 days. We would like to invite you to attend the Science Fair and celebrate the student's fantastic exhibits. Students will need to be able answer questions on their investigation and explain what they discovered as students view their great science work. (Please take exhibits to the hall between 8:30 – 8:50 am).

Monday 10 October	Preschool, Kindergarten, Year 1 and Year 2
Wednesday 12 October	Year 3 and Year 4
Friday 14 October	Year 5 and Year 6

How can you help your child? Participating in a science fair is not only an excellent way for your child to understand science concepts more thoroughly but is also an opportunity to boost other important skills and integrate other subjects into one wonderful learning experience, including the STEM process.

**Picking a Project:** Your child is full of questions about the world, and that is a great place to start. Make a list of what interests her/him. If you are stuck for ideas, you and your child can go to the library and look through books about science-fair projects or search the Internet for ideas.

**Plan and Research:** Once your child has focused on a topic, it is time to get started and the earlier the better. The first step is to help them figure out a timeline for the project. For a project about the popular topic of mould, it might look something like this:

Week 1: Research, design experiment and buy supplies

Week 2: Set up and run first tests

Week 3: Run second test

Weeks 4-6: Analyse results, come up with conclusions and write your report. You may choose to build a display for the fair. (You see how quickly the time adds up! Obviously, there are steps that can be condensed, but others cannot be rushed...)

Week 7: Final review and preparing to bring your project to school for the Science Fair

**The Scientific Method:** The heart of most science fairs is the scientific method, which has seven general steps: 1. Make observations 2. Ask questions 3. Form a hypothesis 4. Find a method of testing 5. Perform experiments 6. Gather results 7. Reach a conclusion.

**The Presentation:** Once the research has been analysed and a conclusion has been reached, all that is left is to present your child's new discovery to the world. How your child decides to display it is up to them!

Thank you for your support, and if you have any questions, please speak to your classroom teacher.

Regards,  
Science Committee





# Woy Woy Public School

A PRESCHOOL TO YEAR 6 SCHOOL



*Empowering all learners to achieve*

Rated  
EXCELLENT  
by ACECQA



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*Our school acknowledges the traditional owners of this land and pays our respects to the ancestors and elders past and present.*

