

The **BRAINWAVES** Club



Term 4 2021 | DinoMites | Years 1 and 2
Venue: Canberra Girls Grammar School – Junior School, Grey St Deakin
Term Fee: \$285.00

Meeting 5: Green Power
Focus: Botany

If it wasn't for plants, we wouldn't be here. But how do they make food from light? How do they breathe? Let's take a closer look at plant cells and do some experiments that should give us some answers about how these quiet green achievers go about their business.

Meeting 6: Fabulous Fractals
Focus: Mathematics

Fractals – proof that mathematics can be beautiful to look at! What are fractals? They are in some very interesting (and surprising) places. Let's explore our world, find some of these hidden marvels, and construct one or two of our own to take away with us to enjoy.

Meeting 7: Pyramid Power
Focus: Mathematics, Geometry, Engineering

The pyramids of Egypt and the New World – impressive ancient constructions. Today we'll look at them in a bit more detail – the why, how and when of these huge architectural features. We'll use our knowledge to make our own pyramid, and see if we can make one that will last as long as their inspirational real life counterparts!

Meeting 8: Hiding in Plain Sight
Focus: Critical Thinking

Camouflage – used to trick the eye and hide all sorts of creatures from plain view. Who are the experts, and can you spot them? What good is camouflage anyway? Let's try it out in the classroom and see if any of the techniques we've learned help you hide common objects and deceive those trying to find them!

What to bring:

Please bring a notebook and a well-stocked and labelled pencil case (containing writing pencils, sharpener, eraser, coloured pencils, textas, scissors and a glue stick).

About the Club Leader: Suzanne Molison

Suzanne is a familiar face in many ACT schools, teaching the full range of primary school subjects. Her particular interests are in geology, biology and the other life sciences. She enjoys looking for fossils and learning about dinosaurs, as well as exploring new technologies, such as VR (virtual reality) and drones. She is committed to ensuring that each student is able to do or learn something completely new each session.