

# The BRAINWAVES Club

**Term 4 2021 | DinoMites | Years 1 and 2**

**Venue: Brighton Grammar School**

**Term Fee: \$285.00**

**It's Fascinating!**

The world around of us is full of fascinating phenomena – sometimes so fantastic that they appear to be magic! You, DinoMites, have the power in you to unravel the mysteries of the world around us. Put on your thinking caps and get ready to experiment and investigate as you take on the roles of spies, reporters, physicists, earth scientists, authors, inventors and more!

**Meeting 5: I feel the earth move under my feet**  
**Focus: Science**

Calling all budding geologists, physicists and astronomers – we need your help to answer some tricky questions about the Earth! In the past, its path through the stars and its composition were a mystery to humans. Nowadays, we know a lot more about our planet's movement and make-up, but there is always more to question and learn from – today we will prove (or disprove!) our hypotheses about the layers that make up the Earth and how it rotates, aided by experts, models and... eggs?! I'm eggcited as this session is going to wobble your world!

**Meeting 6: The True Story of the Three Little Pigs**  
**Focus: Literature – Perspective, Investigation**

We all know the story of the three little pigs – those three innocent little porkers at the mercy of a cruel and calculating lupine foe. However, in this picture book, A. Wolf clears up some very common misunderstandings. According to A. Wolf, we simply have not heard his side of the story – until now! Let's explore this fractured fairy tale to find out if A. Wolf can convince us of his innocence. DinoMites let's have fun, creating our very own fractured fairy-tale because according to A. Wolf, he was totally misrepresented by Little Red Riding Hood and her grandmother. Was A. Wolf totally framed? And what does the 'A' in A.Wolf really stand for anyway? Arnold, Aaron, Anthony...? Another fascinating case to solve!

**Meeting 7: Pump it Up**  
**Focus: Science, Mathematics - Time**

Inside and not outside, located in our chest and protected by our ribs is an amazing miracle of the natural world, a bio-machine we simply could not live without - our heart. In this club session DinoMites will investigate the heart's anatomy and the importance role our heart plays in the circulatory system. DinoMites will observe their heart beats per minute while they rest and then while they take part in different activities. We will discover our hearts truly know how to keep the beat!

**Meeting 8: Welcome to the World Inventors Society!**  
**Focus: Creativity, Innovation and Sustainability**

*“Only those who dare to fail greatly can ever achieve greatly!” – Robert F. Kennedy*

DinoMites leader, Inventor Ang, welcomes her hard-working, new recruit inventors to the prestigious World Inventors Society. To be accepted in to this society, young inventors must have an amazing, innovative idea for an invention. During this meeting, inventors will investigate some of the craziest inventions ever and case study some of the biggest invention failures of all time. Inventors will report back to the group some of their surprising discoveries! Inventors will create their own invention, but there’s a catch - your materials will be rescued from waste. Get creative and make new and useful things from recyclable items. Follow the design brief to make a.....! The possibilities are endless.

**The dynamic DinoMites will need to bring:**

- A well-stocked pencil case (this includes grey lead pencils, coloured pencils, coloured textas, sharpener, eraser, ruler, scissors & glue stick)
- An A3 sized scrap book (it should have blank pages)

**About the club leader: Angela Fattore**

Angela has been teaching primary school children for several years in both Melbourne and Canberra. She studied at the University of Canberra and was a club leader at the Canberra Brainwaves Club. Angela has a particular passion for the creative arts, such as; music (piano and trumpet) and dance but loves to learn about all things. She has a particular interest in Gifted education and plans undertake a Master of Education in the near future.