

The **BRAINWAVES** Club



Term 1 2021: DinoMites – Years 1 and 2

Venue: Brighton Grammar School

Term Fee: \$285.00

Let's Explore

DinoMites have totally amazing minds – they are somewhat like electrified and buzzing sponges; ready to absorb and process the world around them at lightning speed. That's why they are also ready to open their ears, eyes and hearts; trek into the wild wonders of nature, explore a picture from a myriad of perspectives and reinvent the wheel using things we all tend to discard. DinoMites are about to embark on a great exploration of the world around them. DinoMites, pack your binoculars, your notebook and specimen jars and get prepared to for an action packed and exciting term!

Meeting 1: Boom, Bang, Buzz!
Focus: Science – Sound

Hello, hello, can you hear me? Be ready to come on a sound adventure! Sound is amazing. Without sound, your life would be very different. There would be no music, no chatting on the phone, and no awesome sound effects in movies. During this session, we'll explore how sound comes from vibrations and how this becomes voices, rhythms, tunes and more that we hear! Get ready to experiment with many sounds, including using an iPad in an unusual way! We will explore the exciting world of echoes and create melodies by turning glasses of water into instruments. Along the way you'll pick up some odd facts about sound that you might not have known.

Meeting 2: Staggering Structures
Focus: Design and Technology

Everyone knows about the leaning tower of Pisa – but how does it stay standing? We've heard the nursery rhyme about London Bridge falling down – what happened there? And how is it that structures built on fault lines don't collapse whenever an earthquake occurs? It's time for the DinoMites to get cracking on a fact-finding mission about some unusual structures around the world and then apply what they know to come up with solutions to some of the world's most pressing engineering dilemmas!

Meeting 3: Design your own Alien Creature with Dr Xargle
Focus: Literacy

How do we look from an alien's perspective? Strange? Funny? Disgusting? In this session we will take a look at the Dr Xargle series of books, which are written in a humorous way, looking at what aliens might think of our lifestyle and our planet. The DinoMites will create their very own book with Dr Xargle as the main character. How will the aliens look? What will they think of life in Australia? We will use our imagination to create a hilarious mini book for all to read.

Meeting 4: Create-Your-Own-Creation?**Focus: Language – Narrative**

Ignite your inner storyteller and get ready to explore the wonders of metaphor and allegory in stories explaining the previously unexplainable! Different cultures have long since used stories to explain phenomenon they could not use science to prove at the time, such as where thunder comes from and how animals got their unique characteristics. After our perusal and literary discussion of a few unusual tales, we'll have a go at writing our own myths to share!

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 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 to undertake a Master of Education in the near future.