

The BRAINWAVES Club

Term 2 2021: DinoMites – Year 1 and 2

Venue: Ryde Public School

Term Fee: \$285.00

THE CONNECTION CRUSADE

DinoMites, did you know that learning something new creates brand new connections in your brain? So, brace yourselves for a network building journey of epic proportions! Be sure to back your scientific satchel, your creativity case and your problem-solving pocketbook as we embark on an expedition where we seek evidence to help us with tower building, pudding chasing and puzzle solving. Is your brain ready for this?

24 April

Meeting 5: Personifying Puddings and Anthropomorphising Animals!

Focus: Literature, Drama, Poetry

A very long time ago, a famous Australian writer named Norman Lindsay, wrote a very witty book called 'The Magic Pudding'. This Pudding and his animal mates cause all sorts of mischief, and even get in trouble with the law. In this meeting, we will use some of the most memorable moments of the text to perform our own short scenes. We will investigate the way that Norman Lindsay used anthropomorphism to turn the pudding into a human and put this into practice in our own short poems where we anthropomorphise or personify an object of our choice.

8 May (Guest Club Leader Michelle Emsley)

Meeting 6: Peggy and Percy's Pyramid Predicament

Focus: Geography/History/Mathematics/Critical thinking

Peggy and Percy are both well-known pyramid investigators, excellently versed in these Egyptian marvels. The pair have stumbled across unusual evidence that suggests there is a hidden world under Antarctica. Rumour is, it was created by a species with the same architectural style as the ancient Egyptians. Percy believes this theory and is convinced there's treasure to be claimed in this unexplored world. Peggy has her doubts. We'll examine the formulas and astronomy captured in the Egyptian Pyramids and compare these to the 'pyramids of Antarctica'. We'll then look at comparing sources and fact-checking, examining aerial images and analysing the geography of Antarctica. With this new-found knowledge, we'll surely be able to solve this debate for Peggy and Percy once and for all.

22 May

Meeting 7: Perplexing Polyhedrons

Focus: Mathematics

Polyhedrons vary in size and shape and can be perplexing because the number of sides, edges and vertices aren't always what we expect they will be. In this session DinoMites will apply lateral thinking skills to create our own polyhedrons using Lego and the Zometool creator kit - a unique, multi-dimensional construction system. We will also examine the nets of 3D shapes to predict what their constructed shape will look like and then test our predictions. How will you perform on a series of polyhedron puzzles?

5 June

Meeting 8: How to Survive on a Desert Island

Focus: Science, Technology

Have you ever wondered how you would survive on a desert island with only limited supplies? In this session, you will use problem-solving skills to make important decisions about how to handle difficult scenarios and prioritise resources in order to survive. You will design a shelter that has to withstand a hurricane, create a water collection device using limited resources and write a survival plan to be self-sufficient in a remote location. You will work together using our

team building skills to maximise our chances of human survival. Will you be the one to survive the Desert Island challenge?

What to bring:

Each week please bring an A4 notebook and a well-stocked pencil case containing (at least) pens, pencils, a calculator and a ruler. Please also bring a hat, drink and snack for the break (no nuts please).

About the Club Leader: Lucinda Clutterbuck

Lucinda is an artist and animator with a passion for learning and thinking. She has produced over 30 short animations and she has run workshops for all ages using animation and art techniques, as well as cross-curricular programs. She loves to work with like-minded individuals of all age and the pursuit of knowledge. Lucinda thrives on helping children experience the flow of creative thinking, especially for problem solving.

About the Guest Club Leader: Michelle Emsley

Michelle Emsley has presented a variety of programs for G.A.T.E.WAYS. She is passionate about gifted education and has over nine years-experience as a primary school teacher. With a background as a reporter and radio producer, she's had the opportunity for plenty of adventures in unexplored worlds. Michelle loves nothing more than inspiring the explorers of the future. She cannot wait to begin this journey with the DinoMites!