

The GATEWAYS BRAINWAVES Club

Term 1 2021: DINOMITES – Years 1 and 2

Venue: Bondi Public School

Term Fee: \$285.00

UNEXPLORED WORLDS

There's nothing like the thrill of discovering a new place. And with so much of the world still unexplored, there are plenty of opportunities for adventure! Join us on this journey, as we take a look at hidden gems both on Earth and out into the galaxy, that until now, have been untouched by DinoMite explorers.

13 February

Meeting 1: 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.

27 February

Meeting 2: Ferreting for Desserts on a Deserted Island

Focus: Science/Engineering

Oh no, there's been a shipwreck! Freeda and Fredrick, the ferrets, are stranded on one of the most remote islands on the planet! They're stuck on Pitcairn Island, located 3,300 miles from New Zealand. The ferrets are without food, water and shelter. They'll need to learn new skills if they're going to survive. They can't do it alone and have asked for your help. You'll need to learn how to tie super tight knots, to construct shelter, and how to ferret for food (including desserts) and fresh drinking water. Once their basic needs are taken care of, it's time for escape! They need your help to build ferret-sized rafts, capable of floating back across the sea to civilisation. Can you help these helpless creatures survive?

13 March

Meeting 3: Spiced up Storyland!

Focus: Literacy

Machen, the mystery story maker of Storyland, is feeling flat. Everything in his imaginary world is bland and dreary. Bodser, the boss of stories, has told Machen that if he cannot spice up Storyland, he'll be relegated to a life as a story punctuation checker. Machen is distraught. He hasn't got the literacy know-how to make the necessary changes. We must help him. Travelling on a sensory journey, experimenting with a range of smells and tactile materials, we'll find the details that Storyland is lacking. Machen has promised whoever can save him from a life of checking for missing full-stops and capital letters will be given free-reign of Storyland. That would leave us free to create our very own piece of performance art in this special world. This is too good an opportunity to miss!

27 March

Meeting 4: Zan's Zictory!

Focus: Mathematics

Aliens on planet Zog are incredibly competitive. There's a competition coming up to win an out-of-this world trip to a neighbouring galaxy, Galacton. No one has ever visited Galacton before and Zan, one of the aliens, is desperate to be the first. She's hoping to take her gran, who has never left Zog before. But competition is fierce. Zan will need to use game theory and poly plugs to come up with strategies and beat the other Zogites. To impress the judges, she'll also need to describe how to win a variety of games. She's promised us a seat on the rocket if we help her win. Can we help Zan secure the prize and treat her gran, before using our new-found knowledge to create the most challenging game ever invented?

What to Bring:

Please bring a notebook and a well-stocked pencil case to each meeting as well as a hat, drink and snack for the break (no nuts please).

About the Club Leader:

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!