

# The GATEWAYS BRAINWAVES Club

**Term 3 2021: DinoMites – Years 1 and 2**

**Venue: North Curl Curl Public School**

**Term Fee: \$285.00**

## **VOCATION, VOCATION, VOCATION!**

This semester, DinoMites will embark on a journey exploring some of the most interesting, dangerous and repugnant jobs on the planet. From volcanologist to journalist to engineer, members will delve into the world of explosive geography, gross history, forensic science, aerodynamics, television and conservation. DinoMites will step into the shoes of different employees, travelling through continents, space, worlds and even centuries. What will your vocation be?

**31 July**

**Meeting 1: Blow Your Stack!**

**Focus: Science**

Welcome to the wonderful world of volcanology! Its magma-tude will astound you and the facts will flow as you learn all about these amazing landforms. DinoMites will pay a flying visit to the famous Ring of Fire, dig deep to find out about tectonics and investigate how these amazing landforms actually erupt through some very messy experiments which you are sure to lava (get it!?)! Get ready for an earth-shattering KA-BOOM!

**14 August**

**Meeting 2: Optimistic Reporting**

**Focus: Journalism, Reporting**

Channel DinoMite, the 'positive news' channel, is looking to recruit some new DinoReporters. What makes a great news reader? What's so special about their voice, posture and expression? And, maybe most importantly, how are the top stories picked from the pile of events happening every day and who decides what their order will be? The DinoMite reporters will research amazing, up-beat news stories from 2019, organise and script their story ready to present in today's Positive News Broadcast! This is Positive News producer, Kerrie, signing off!

**28 August**

**Meeting 3: Capture Curl-Curl Castle!**

**Focus: History, Science**

This week DinoMites will travel to Europe as knights and archers where they will attempt to rescue a young Prince who has been trapped in a medieval castle! The castle has tall impenetrable walls and plenty of supplies so DinoMites will need to think strategically to develop invasion devices that will get them inside to save the Prince. How will they overcome the challenges put in front of them by the Prince's capturers? Paddle pop sticks, projectiles, rubber bands, card, glue and more will be provided for invasion creation! Finally, club members will be able to test out their conquest creations on a scale model of a castle wall!

**11 September**

**Meeting 4: Who is Endangered?**

**Focus: Ecology, Biology, Conservation, Debate**

Imagine you are a *Diceros bicornis* (a black rhinoceros), if you can. You are critically endangered; your horn is prized by poverty-stricken poachers and there are fewer than 5400 of your species left on Earth. Now think, what can a rhino do to protect itself? During this meeting, the DinoMites will discover amazing scientific and ecological facts about a variety of endangered animals, learning what makes them important. DinoMites will then categorise them into their levels of endangerment (or non-endangerment) and look at some of the reasons they are endangered (palm oil/poaching/urban sprawl/poverty). Finally, we will call all our Dino WWF reps, government officials, impoverished poachers and tribal representatives to decide on laws surrounding the fate of our friend, *Diceros bicornis*. Who will win the debate? Will the humans vote to protect these majestic creatures OR to protect their own interests?

**What to Bring:**

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

**About the Club Leader:**

Kerrie is an experienced primary school teacher and G.A.T.E.WAYS presenter who has a passion for teaching gifted and talented children. She loves the freedom G.A.T.E.WAYS gives her to create interesting and engaging workshops. A mother of three, she has completed the Mini-COGE (Certificate of Gifted and Talented Education) and full COGE and is currently studying a Masters in Gifted Education at University of New South Wales. Kerrie is excited to be presenting this thrilling program to the DinoMites Club and can't wait to get your children interested, problem solving, thinking, and talking about these out-of-the-box topics!