



Bacchus Marsh
Grammar

Staughton Vale Campus 2023 Program

Geology Activities

Dear **Parents/Guardians**,

Your child will be involved in the Staughton Vale Middle School Program at the Staughton Vale Campus in 2023. It is a unique outdoor learning environment that provides the opportunity for students to engage in hands on activities that are challenging, expand their knowledge of food sustainability/security, and connect them with the natural environment. Students will be immersed in rich learning experiences that support and enhance the curriculum taught in Year 8.

Staughton Vale Campus

The Staughton Vale Campus is situated at 155 Staughton Vale Road, Staughton Vale, on the fringe of the Brisbane Ranges National Park near Anakie and consists of over 200 acres of fertile pastures, orchards, dams and natural forest.

Program

Year 8 students will travel to the campus 3 times over the course of the year. The first experience will focus on Geology. Students will participate in 3 activities with their science teacher, helping them understand how rocks are formed, land is shaped and changes over time, and concepts of plate tectonics. Students will,

- Explore how water flow over land changes the landscape through weathering and erosion of rocks and depositing sediments – simulate different stream flows,
- In the kitchen, explore plate tectonics using crackers and icing to understanding different kinds of plate movement and what effect they each have on the Earth's crust, and
- Learn about the geology of the region at Anakie Gorge in the adjacent Brisbane Ranges National Park – see the distinct layers of rock and how wind, water and tectonic activity shaped the landscape over time.

Dates:

Tuesday 9 May **8A** (Serena Richards), **8B** (Tania O'Brien), **8C** (Fiona Davidson),
8D (Sally Ross) & **8E** (Marcus Rzanovski)

Wednesday 10 May **8F** (Serena Richards), **8G** (Ben Davie), **8H** (Nanthini Viswanathan) &
8I (Sheena Baboo)

Transport

Students will leave Bacchus Marsh Grammar at 9.00am by bus and return in the afternoon for normal dismissal at 3.20pm. They will travel by bus during the day to and from Anakie Gorge (4 km from Staughton Vale Campus).



Uniform and Equipment

Students will be required to wear PE uniform with either runners or hiking boots (if they have them). The following equipment is required for day trip to Staughton Vale.

- BMG Waterproof jacket
- BMG Sports Jumper and tracksuit pants
- Sunscreen and hat
- Full water bottle
- Morning tea and packed lunch (preferably packaging free to help reduce waste to landfill)
- Pencil case, workbook and clipboard

Please complete the permission form by **Wednesday 3 May 2023**

Yours sincerely,

David Gorton
Director of Student Engagement/Head of Staughton Vale

Scott Bayne
Head of Middle School



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Year 8 Staughton Vale Program 2023

I hereby give permission for my child _____ of Year _____ to attend the activities at Staughton Vale, to be transported via bus and participate in the planned activities.

- ☐ In the event of illness or accident, and where it is impractical to communicate with me, I authorise my child's receiving such medical or surgical treatment as may be deemed necessary. I accept responsibility for payment of any expenses thus incurred.

Parent/Guardian Name: _____

Signature: _____ Date: _____

Please complete the permission form by **Wednesday 3 May 2023**