

The **BRAINWAVES** Club

Term 3 2021 | Einsteins | Years 3 and 4
Venue: Forest Hill Secondary College
Term Fee: \$285

Meeting 1: That's Disgusting!

Focus: Biology

Our bodies are pretty impressive. We've got big brains, mighty muscles and intricate insides. Humans are remarkable, finely tuned machines – however, like many machines, these machines make a lot of by-products (in our case, vomit, snot, pus, and poo). There are no two ways about it - these things are pretty disgusting. But what exactly are they? How are they made? And why have our bodies evolved to make so much unpleasant stuff? After this session, you'll be able to answer these queasy questions and more.

7 August

Meeting 2: Charge

Focus: Physics

Have you ever shuffled across a carpet in socks or whizzed down a slide and then quickly touched someone else in the hope of giving them a 'shock'? Have you sat at a window and watched the wonders of a lightning storm or listened to the crackle of clothes as they are taken out of the dryer? Perhaps you have enjoyed rubbing a balloon against your jumper and then putting the balloon near your hair and watching it stand on end. All of these marvels are thanks to electrostatics. Join us as we experiment, explore and explain how this electrical phenomenon causes all of these "mysterious" things to happen.

Meeting 3: TBC

Focus :

Meeting 4: TBC

Focus :

About the club leader: Robyne Bowering

Robyne is a passionate and enthusiastic educator with over 25 years' experience teaching primary, secondary and tertiary students. Robyne is particularly keen on providing gifted students with multiple opportunities to think creatively through a range of hands-on, minds-on activities.

What to bring

Each week please bring a well-stocked pencil case (including scissors, good textas and coloured pencils, pens and/or writing pencils, sticky tape or a glue stick) and an A4 notebook.