

# The **BRAINWAVES** Club

**Term 3 2021: Neutrinos Club – Years 5 and 6**

**Venue: Alphington Grammar School**

**Term Fee: \$285**

**(Semester enrolments available for \$570)**

Science is exciting – it helps explain the world as we know it and it provides us with a methodology to enhance our understanding of every aspect of the universe from the micro to the macro level. Highly able children are naturally curious - their search for knowledge and meaning, and their engagement with abstract ideas is well suited to the exploration of all areas of science, technology and mathematics.

The Neutrinos club program offers a smorgasbord of hands-on learning across a range of sciences as well as some mathematics. Along the way children will have the opportunity to think and work like a scientist, proposing and testing their hypotheses via experimentation, observation and modification. Extending and challenging club members' thinking during these sessions is considered paramount.

## **FULL SESSION OUTLINES COMING SOON!**

<b>Meeting</b>	<b>Focus</b>
<b>Meeting 1:</b> The marvelous world of molecules	Chemistry
<b>Meeting 2:</b> Why do I look like my mum and my dad?	Biology, Genetics, DNA
<b>Meeting 3:</b> It's in the air that we breathe	Biology, circulation, respiration
<b>Meeting 4:</b> To the core of our Earth	Geology

### **Club Leader: Fatemeh**

**Fatemah** has always been fascinated by science. Coming from a background in plant molecular biology (in which she completed her Masters), then fearlessly entering the amazing world of neuroscience for her PhD contributed to a broad understanding and appreciation of science world in multiple disciplines. During her Masters and PhD degrees Fatemeh has been involved in teaching at a range of levels and disciplines, including primary-school, high-school, undergraduate and masters subjects. She is looking forward to joining the Brainwaves Club team at Alphington.