

Experimental Research – Open division

Section Coordinators: Josie Crisara and Tassie Eleftheriou

The quality of entries into the Open Experimental Research section this year was very high. Projects followed the set criteria, were detailed, and showed an understanding of the scientific method. The analysis of the experimental results were generally of a high standard and students were able to link their aim and hypotheses to their conclusions. The bursary winners in this section had interesting and creative topics, including: 'How does roasting temperature affect the amount of caffeine in coffee beans?', 'The antimicrobial effect of garlic on *Escherichia coli*' and 'Physics Explanation of Self Siphoning Beads Phenomenon'. Each of these topics lends itself to wanting to know the answer to the research question. The experiments were thoroughly planned with variables controlled and error analyses conducted.

For those wishing to enter again next year, it'll be a good idea to look over your report and match it with the provided criteria. Make sure that you have fulfilled all of the requirements before submitting your final copy. Also, be sure to be succinct, especially in the abstract.

Thank you to the teachers who supported their students in their research investigations and to the judges who committed a significant amount of time to evaluate the entries.