

## Singapore Science and Engineering Fair 2022 Awards

| JUNIOR SCIENTIST <u>PROJECT</u> DISTINCTION AWARDS |            |   |
|--|------------|---|
| S/N  | Project ID | Project Title   |
| 1  | JBI004     | Potential for Biodiesel Production and Growth Rates of 4 Microalgae Strains in 3 Commonly-Used Algae Growth Media |
| 2  | JCH010     | Synthesis Of A Hyper-Porous Fluorinated COF With Customisable Sites   |
| 3  | JCH012     | Effectiveness of alternatives to silica gel in removing moisture from earphones                                   |

| JUNIOR SCIENTIST <u>PROJECT</u> MERIT AWARDS |            |   |
|--|------------|---|
| S/N  | Project ID | Project Title   |
| 1  | JBI001     | MICROPROPAGATION OF PLANT CALLI AS AN ALTERNATIVE FOOD SOURCE   |
| 2  | JBI008     | Factors affecting the mode of nutrition of chlorella and the ability of Chlorella to switch between its modes of nutritions |
| 3  | JCH007     | REGENERATION OF CARBONIZED DURIAN DERIVED POWDER AS AN ENVIRONMENTALLY FRIENDLY BIO-ADSORBENT                               |
| 4  | JCO003     | Using Machine Learning to Accelerate Quantum Dot Production for the Development of Next-Generation Green Technology         |
| 5  | JMA003     | Laser Chess   |

| JUNIOR SCIENTIST <u>VIDEO</u> DISTINCTION AWARDS |            |   |
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| JUNIOR SCIENTIST <u>VIDEO</u> MERIT AWARDS |            |   |
|--|------------|---|
| S/N  | Project ID | Project Title   |
| 1  | JBI006     | Evaluating the Suitability of Household Materials for Making a Mask   |
| 2  | JCH001     | Investigating the feasibility of producing environmentally-friendly eggshell plates   |
| 3  | JCH008     | Investigating the Effect of Adding Antioxidants to Kiwi Juice Under Different Temperatures on Reducing the Degradation of Vitamin C |
| 4  | JMA002     | Fermat's Point  |
| 5  | JPH004     | The Vaccum Bazooka  |
| 6  | JPH008     | Investigating the strength of paper made from different fruit peel waste for sustainable packaging                                  |