

Singapore Science and Engineering Fair 2023

Junior Scientists Awards

JUNIOR SCIENTIST <u>PROJECT</u> DISTINCTION AWARDS		
S/N	Project ID	Project Title
1	JB1003	Investigating the Synthesis of Starch-Based Bioplastics
2	JB1004	Biosorption of Zinc and Its Effect on the Growth of <i>Chlorella</i>
3	JB1006	Lower Energy Consumption for Seawater Pre-Treatment by Using Coagulation and Ceramic Membrane Filtration
4	JCH011	Investigating the Effectiveness of Zero Waste Sunscreen
5	JPH012	Investigating the Effectiveness of Recycled Materials in Sound-Absorbing Panels

JUNIOR SCIENTIST <u>PROJECT</u> MERIT AWARDS		
S/N	Project ID	Project Title
1	JB1005	The effect of vegetable peels as filters of water contaminated by face masks
2	JCH004	Optimisation of Electrical Production in Biophotovoltaic Fuel Cells Using Household Materials
3	JMA001	Grasshopper: A case study in vectors and number sequences
4	JPH008	Investigation on Treatment Methods on Bio-friendly Materials for Optimal Oil Absorption

JUNIOR SCIENTIST <u>VIDEO</u> DISTINCTION AWARDS		
S/N	Project ID	Project Title
1	JB1014	Investigation of Nitrogen-Potassium Based Liquid Fertiliser in the Growth of Broccoli Microgreens
2	JCH011	Investigating the Effectiveness of Zero Waste Sunscreen

JUNIOR SCIENTIST <u>VIDEO</u> MERIT AWARDS		
S/N	Project ID	Project Title
1	JB1008	Thanaka - Nature's Sunscreen
2	JB1011	Investigating the Release of Methane Gas From Food Waste
3	JCH001	Chocolate for Diabetics