



BHJS News Bulletin



PHYSICS × STEM: LIGHT TRACER WORKSHOP & SOLAR PANEL INSTALLATION VISIT

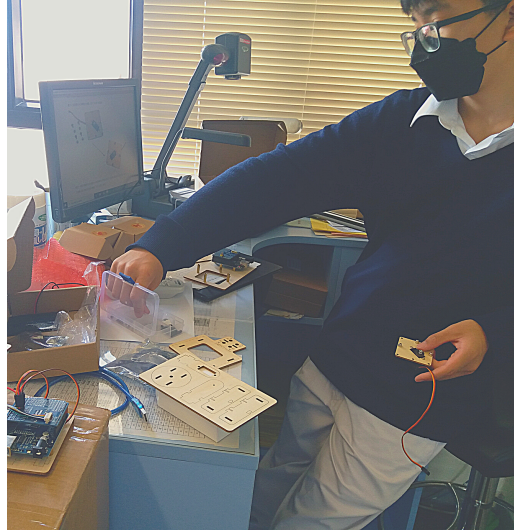
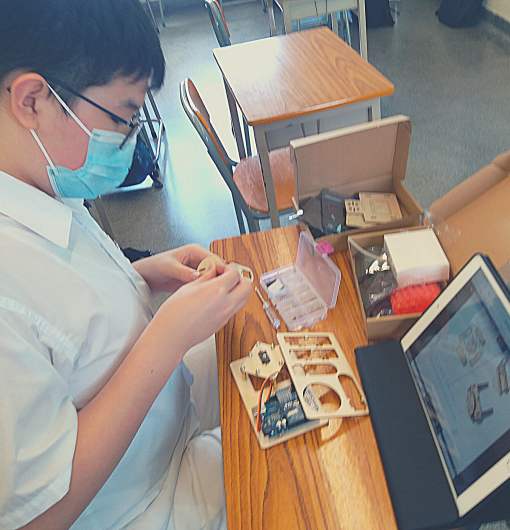
As one of the participating schools in the school solar project under the CLP Renewable Energy Feed-in Tariff Scheme, Bishop Hall Jubilee School has been committed to promoting and practising the vision and value of sustainable development.

On 12th May, the Physics department and the STEM society co-organised a light tracer workshop. Before the students made a visit to the School's solar panel installation, they were asked to install an app named '**SolarEdge**,' which monitors the solar panels in our school. SolarEdge can show real-time data such as lifetime energy, humidity, wind speed and CO2 Emission Saved.



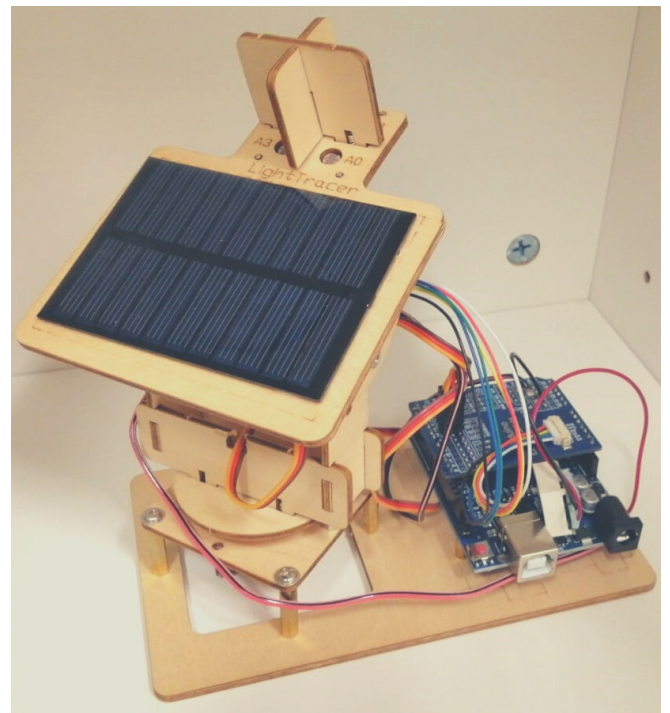


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Besides SolarEdge, students also learnt to make a light tracer using **Arduino**. Automatic Light Tracing Algorithm is a hot topic in maximising the efficiency of solar panels by adjusting the solar panel so that it always points toward the sun, and that ensures the light ray is always perpendicular to the solar panel for receiving maximum energy.



A light tracer.