

# Hong Kong Student Science Project Competition 2020 香港學生科學比賽

Jamie Kwok (3B), Cherie Lau (3A), Michelle Chan (3B) and Chloe Lai (3D) received **Honourable Mention (Top 5)**.

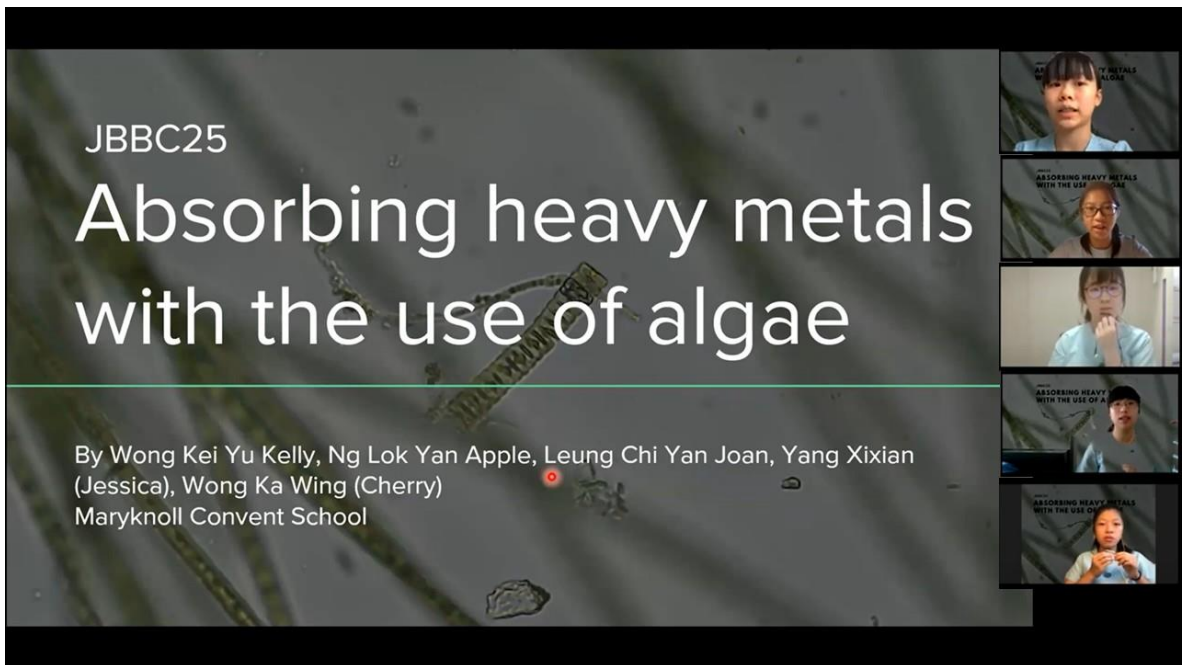
The aim of their research was to study the effect of climate changes on the growth of green beans and soybeans.

The slide features a title "Variations in growth (genes)" and three experimental setups, each with a blackboard showing four numbered samples (1-4) of plant roots. The setups are: 1. Soybeans at pH 3 at 40°C (Day 5); 2. Soybeans at 50 mM NaCl at 30°C (Day 5); 3. Green beans at 50 mM NaCl at 30°C (Day 5). Below the setups, it states: "May contain genes to survive in extreme conditions" and "➤ If these genes can be identified, may help increase yield in harsh conditions". The slide also includes logos for the Education Bureau, Hong Kong Science Museum, and HKSTP, along with a video conference interface on the right showing participants JBBC26\_Lai Lok La..., JBBC26\_Lau Cho Ki..., JBBC26\_Chan Man..., and JBBC26\_Kwok Yan... with a timer at 00:35. The bottom of the slide has the text "JBBC26 反「豆」環境" and "作品介紹".



Kelly Wong (4D), Joan Leung (4A), Apple Ng (4A), Cherry Wong (4D) and Jessica Yang (4D) also joined the competition.

The aim of their research was to study the metal ions absorption ability of algae and how pH affects diversity of algae.



JBBC25

# Absorbing heavy metals with the use of algae

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