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# Primary school kids win gold awards for invention

**GEORGE TOWN:** Three primary school students who turned their frustration into invention won gold awards with their insulated bag that keeps their food warm until recess time.

The students, Wong Kai Wern, 10, Tan Su Fern and Jonathan Aeruthayan, both 12, from SJK (C) Shih Chung Cawangan, received the award during the 22nd International Invention and Technology Exhibition (ITEX '11) and Asian Young Inventors Exhibition (AYIE2011) in Kuala Lumpur held on Saturday.

Kai Wern said the idea came about after they got tired of eating food, which they brought from home, that had turned cold during break time.

"We discussed the idea during our Science Club meeting and decided to do something about it," said the Standard Four pupil, who aspires to be a Science professor.

They then took about a month's time to finalise the Eco-Friendly Insulated Bag by using sugar cane bagasse.

Jonathan, who aims to be a scientist, said that besides being a good insulator, the bagasse was light, non-toxic and biodegradable.

Su Fern said they had carried out several tests and were satisfied with the results of the insulator bag.

"It can keep food warm or cold and the bag is also suitable to keep milk warm for a baby.

"It can also be used for school, work and picnics," said the girl, whose ambition is to be a doctor.

A total of 400 teams from primary and secondary schools took part in the Malaysian Young Inventors Competition.

Kai Wern, Jonathan and Su Fern emerged champions in the primary school category.

The three also won the World Intellectual Property Organisation Awards for Best Young Inventors (Primary School) and Best Asian Young Inventors Cup 2011 during the exhibition.