

CWSF 2012 - Charlottetown, Prince Edward Island



Kyle Potts

The Little Piggy With The Right Idea, I "Wood" Build A House From Straw

Challenge: Innovation

Category: Intermediate

Region: Simcoe County

City: Barrie, ON

School: Eastview S.S.

Abstract: This project created "wood" panels from straw. It investigated the impact of fiber length, glue type, pressure and time on the final strength of boards. The purpose of the project was to develop a process to manufacture "wood" panels from agricultural waste products (straw). In developing nations, these wood panels could be manufactured by people in need and used to build their own homes.

Biography

Kyle Potts is a 15-year-old student in grade 10. He enjoys playing hockey, baseball, and basketball. He likes to swim, play guitar and the french horn. He is inquisitive and fascinated by science and technology. He is involved in choir and orchestra at his school. One day he hopes to pursue a career in science or computers.

Awards

Value

Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	\$700
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 700