

CWSF 2011 - Toronto, Ontario



Kyle Potts

Corn Stalk Coffee Cups

Challenge: Resources

Category: Intermediate

Region: Simcoe County

City: Barrie, ON

School: Eastview S.S.

Abstract: This project created a biodegradable coffee cup out of cornstark. It investigated three methods of making cornstark cups (injection, pressing and using a mold and deckle). It studied a biodegradable plastic used to line and seal the cups. It also tested the biodegradability of the cornstark paper.

Biography

Kyle Potts is a 14-year-old student in grade 9. He enjoys playing hockey, baseball, and basketball. He likes to swim, play guitar and french horn and does karate. He is inquisitive and fascinated by science and technology. He is involved in choir and drama at his school. One day he hopes to pursue a career in science or computers.

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Total	\$1 300