

CWSF 2005 - Vancouver, British Columbia



William Porter

Project Entomopter

Division: Engineering & Computing Sciences

Category: Intermediate

Region: Chignecto East

City: River John, NS

School: River John Consolidated

Abstract: An entomopter is a mechanical replica of a flying insect. My entomopter design is based upon a dragonfly because a dragonfly propels itself like no other arthropod. Project Entomopter investigates building a life size mechanical dragonfly, shows how inexpensively this can be done and explores many uses for such a device.

Awards	Value
Environment and Plastics Industry Council Award - Intermediate Sponsor: Environment and Plastics Industry Council	\$750
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$300
Total	\$2 050