



Model Wind Turbine Competition

October 25, 2023
RRC Polytech, Notre Dame Campus

WHO IS SKILLS CANADA MANITOBA?

Skills Canada Manitoba is a not-for-profit, charitable organization that works with youth, parents, communities, industry and government to increase awareness of the rewarding careers available in skilled trades and technologies.



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WHAT IS THE MODEL WIND TURBINE COMPETITION?

Given a set of specific materials to work with, Grade 9 and 10 students will use their skill and ingenuity to design and construct a working model wind turbine. The turbine needs to be solidly constructed and be able to generate electrical power.

WHAT IS THE COST OF THE CONFERENCE?

Each team is responsible for a \$80.00 team entrance fee which includes:

1—Small DC motor with mounted LED, 4 Poster board, 22" x 28", sheets- 1 Balsa wood, 36" x 1/8" sheet-1 Balsa wood, 36" x 1/16" sheet-1 Particle board base, 12" x 12" x 5/8", piece-1 tube adhesive-1 roll masking tape -3 wood propeller mounts, circles, 1.75" diameter -1 retractable utility knife-1 pair scissors-1 geometry set-Pencils -Sandpaper

Note: No other tools or materials will be allowed in the construction of the model wind turbine
Lunch will be provided for each participant and one advisor.

*Please note that this event will be held in the South Gym at RRC Polytech, Notre Dame Campus