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### Cardboard Sled Race NEW for 2006!

Skills Canada – Ontario is a not-for-profit organization dedicated to supporting the development of youth and the prosperity of industry in Ontario. We strive to promote the skilled trades and technologies as viable, first choice career options for young people.

We are pleased to introduce a **Cardboard Sled Race** as a pilot project in January of 2006. The **Cardboard Sled Race** will provide secondary level students an opportunity to test their math and technology skills among their peers in a fun, interactive environment. Teams of 4 students will design and construct a sled made of cardboard and race their creation on a snow track. Students will be provided the materials to construct the sled and will have 2 hours of building time.

Teams will be judged on design, teamwork/organization, safety/cleanliness, visual appeal and speed. Each race will be timed and points will be awarded based on both individual and overall achievement. The **Cardboard Sled Race** is designed to test problem solving skills and involves a broad base of curriculum including design research, friction, aerodynamics, adhesives and bonding, team work, principles of structure, strength and rigidity, direction control and leadership.

#### Agenda

9:00 – 9:15 a.m.	Arrival and Registration
9:15 – 9:30 a.m.	Welcome and Orientation
9:30 – 11:30 a.m.	Sled Construction
11:30 – 11:45 a.m.	Clean Up
11:45 a.m. – 12:15 p.m.	Lunch
12:15 – 12:30 p.m.	Prepare to race by heat number
12:30 – 2:30 p.m.	Sled Races
2:30 – 2:45 p.m.	Results Tabulation and Evaluation Collection
2:45 – 3:00 p.m.	Awards Presentation