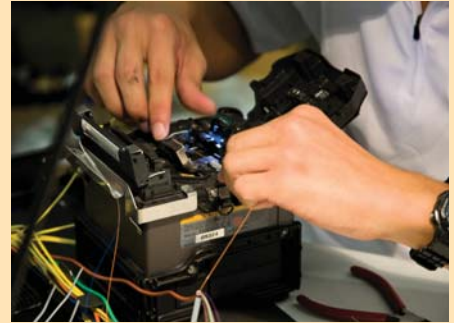


Invitation to Explore

SKILLS CANADA SASKATCHEWAN



Skills Canada Saskatchewan provides students with chances to explore skilled occupations and to meet students from their province, Canada, and around the world.

Photos courtesy of WorldSkills International



How can projects in secondary, post-secondary, and apprenticeship courses lead to light and graphics demonstrations in an international competition? Skills Canada Saskatchewan could have the answer. Four Saskatchewan cities take turns to host the annual Olympic-style skills competitions that provide a forum for secondary, post-secondary, and apprentice students to compete to be the best in the province. Students compete in more than 25 trade and technology areas. Those who win at the Skills Canada Saskatchewan competition have an opportunity to compete at the Canadian Skills Competition. Every two years, the top Canadian Skills competitors have an additional opportunity to compete at a WorldSkills competition and to meet students from many other countries.

Skills Canada Saskatchewan's mission is "to promote skilled trades and technologies as a first-choice career option for youth in Saskatchewan." Skills Canada Saskatchewan directly involves industry in evaluating student performance at the competition.

Light, Optics, and Technology

Light, colour, optics, and waves are used in the various trades and technologies that are associated with Skills Canada Saskatchewan. Electricians connect fluorescent and incandescent lights. Web designers use colourful graphics and animations in website layouts. Graphic artists use colour to design graphics for print resources. Hairstylists use colour in a different way in hair dye to colour or de-colour hair. Electronics technologists use light-emitting diodes (LEDs), strobe lights, and black lights. Robotics specialists manoeuvre their robots using radio waves from a radio controller.

With a partner or in a small group, brainstorm other uses of optics and light in careers in trades and technologies such as:

- Computer Animation (2-D and 3-D)
- Office Manager (using software applications)
- IT PC/Network Support
- Plumbing
- Baking
- Industrial Control
- Offset Printing
- Aesthetics
- Autobody Repair
- Car Painting
- Painting



Photo courtesy WorldSkills International

In September 2009, 51 countries/regions competed at the International WorldSkills Competition at Stampede Park in Calgary, Alberta.



Photo courtesy WorldSkills International

Welders wear protective eyewear to shield their eyes from radiation produced from the welding arc.