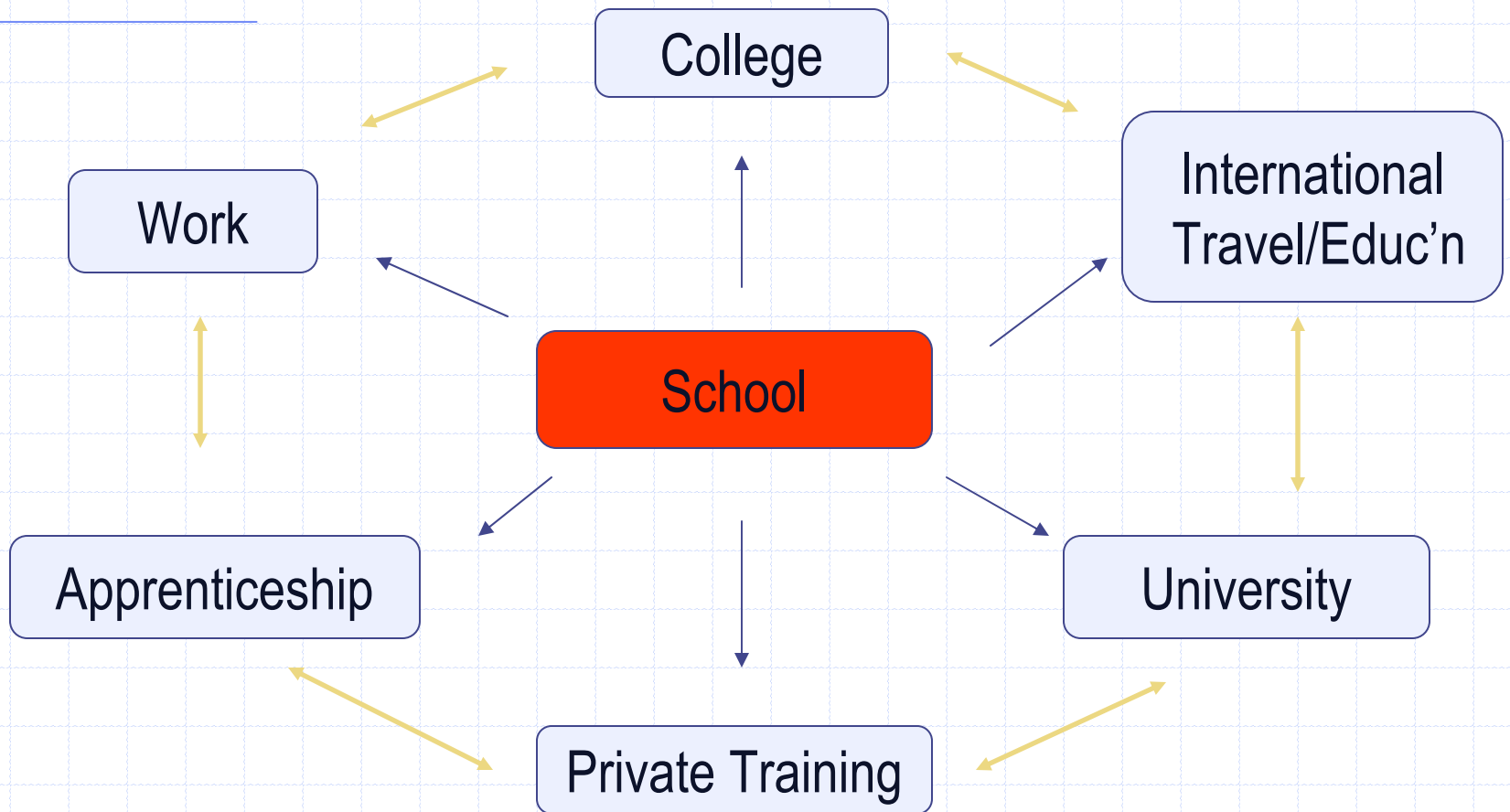


# Destination: Apprenticeship

# Pathways to Opportunity



Which path will you choose?

# What is Apprenticeship?

- Apprenticeship is a certified post-secondary education and training program
- The program, which lasts for 2-5 years, qualifies people for employment in the skilled trades sectors
- 85 - 90% of all apprenticeship training takes place in the workplace, where an apprentice learns the skills of a trade from an experienced journey person

# What is Apprenticeship (cont'd)

- Apprenticeship training leads to a wide variety of rewarding careers in the industrial, transportation, construction and service sectors of Ontario's & Canada's economy
- Unlike others who pay a high tuition fee for post-secondary education/training at a college or university, apprentices "earn while they learn"
- ◆ Apprenticeship training is the school-work destination of choice for experiential ("hands-on") learners

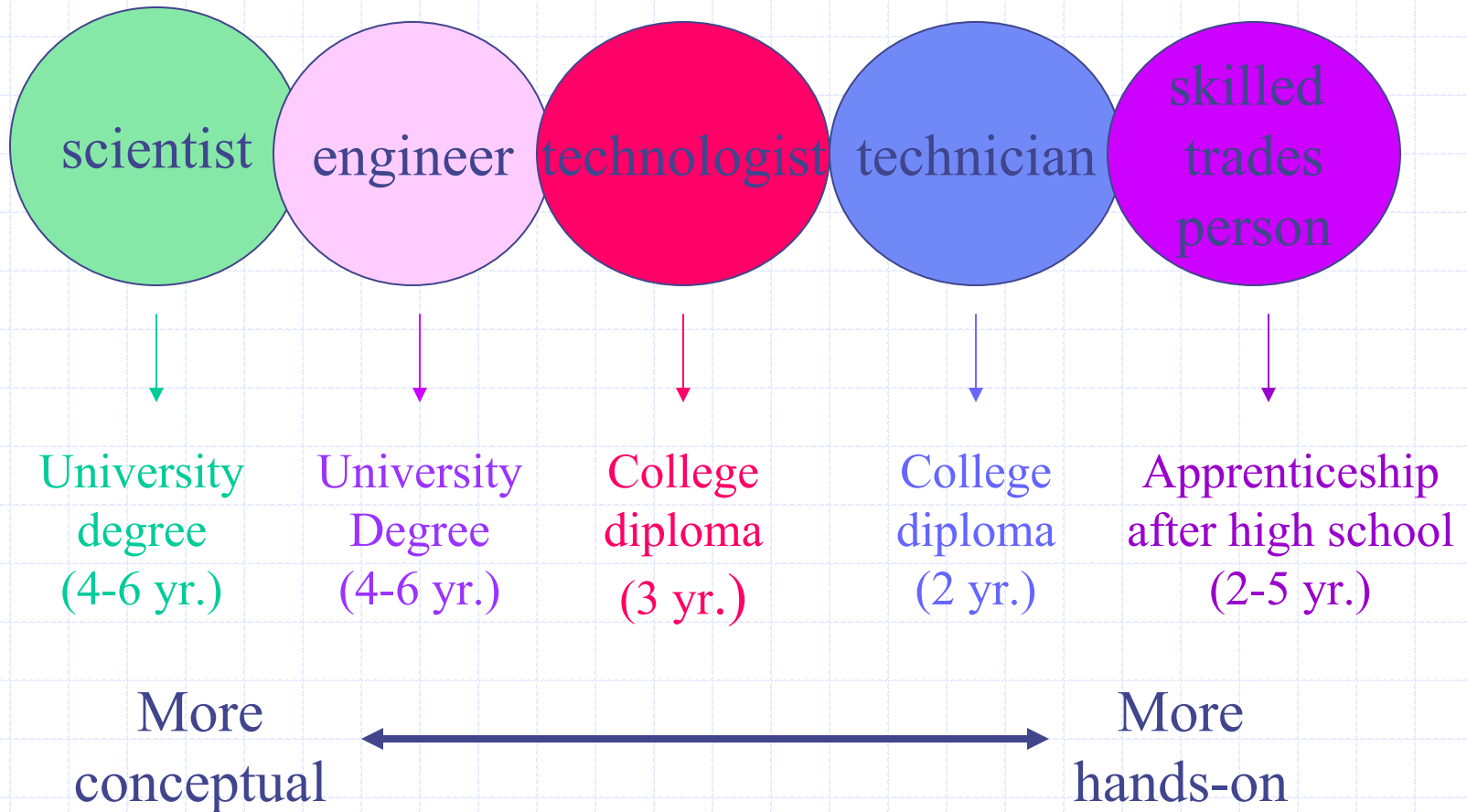
# The “skills” gap

Ontario is currently experiencing critical labour shortages in certain economic sectors:

- thousands of highly skilled workers will retire from the industrial, service, transportation and construction sectors in the next 10 years
- young people are not aware of the rewarding careers in the skilled trades, even though many are unemployed or under-employed

If not addressed within the next 2-3 years, this ‘skills gap’ will have a profound impact on Ontario’s economy

# Many pathways lead to careers in the skilled trades & technologies:



# The Apprenticeship Pathway

- a “hands-on” training program that’s been in existence for 1,000’s of years
- one of Ontario’s best kept secrets

# The Principles of Apprenticeship Training

- the **fourth pillar** of post-secondary destinations in Ontario
- training is experiential (85-90% occurs 'on-the-job', and 10-15% takes place in the classroom)
- apprentices earn while they learn
- requires competencies in Math, English & Science and an affinity for applied technology

# FACTS FOR PARENTS & STUDENTS:

- 60 % of Ontario's Grade 9 students do not go on to complete either a college diploma or a university degree
- many of these students enter the job market with limited employability skills
- a large number of high school graduates end up in low-paying, part-time (or seasonal) jobs
- the levels of youth un(der)employment and homelessness are serious problems in York Region

# The Ontario Youth Apprenticeship Program .....

- is a new school - work pathway that allows students to explore careers in the skilled trades and earn valuable workplace experience before they graduate
- allows high school students to be officially registered as apprentices and begin their post- secondary apprenticeship training program while earning high school credits
- leads to rewarding careers with lots of flexibility in today's labour market

# What are “the trades”?

The 33 *construction* trades include:

Carpenter

Electrician

Crane Operator

Glazier

Construction Craft Worker

Drywall Finisher/Plasterer

Mason (4 kinds)

Painter

Plumber

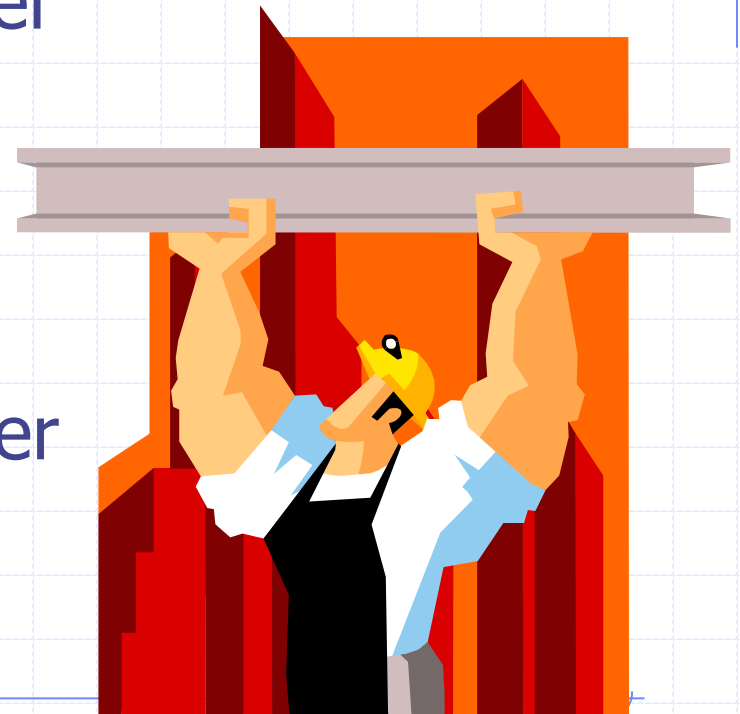
Power Line Worker

Refrigeration/AC Mechanic

Roofer

Steam Fitter

Sheet Metal Worker



# The 20 *motive power* trades include:

Auto Body Tech. (2)

Automotive Painter

Auto Service Technician

Partsperson

Small Engine Mechanic

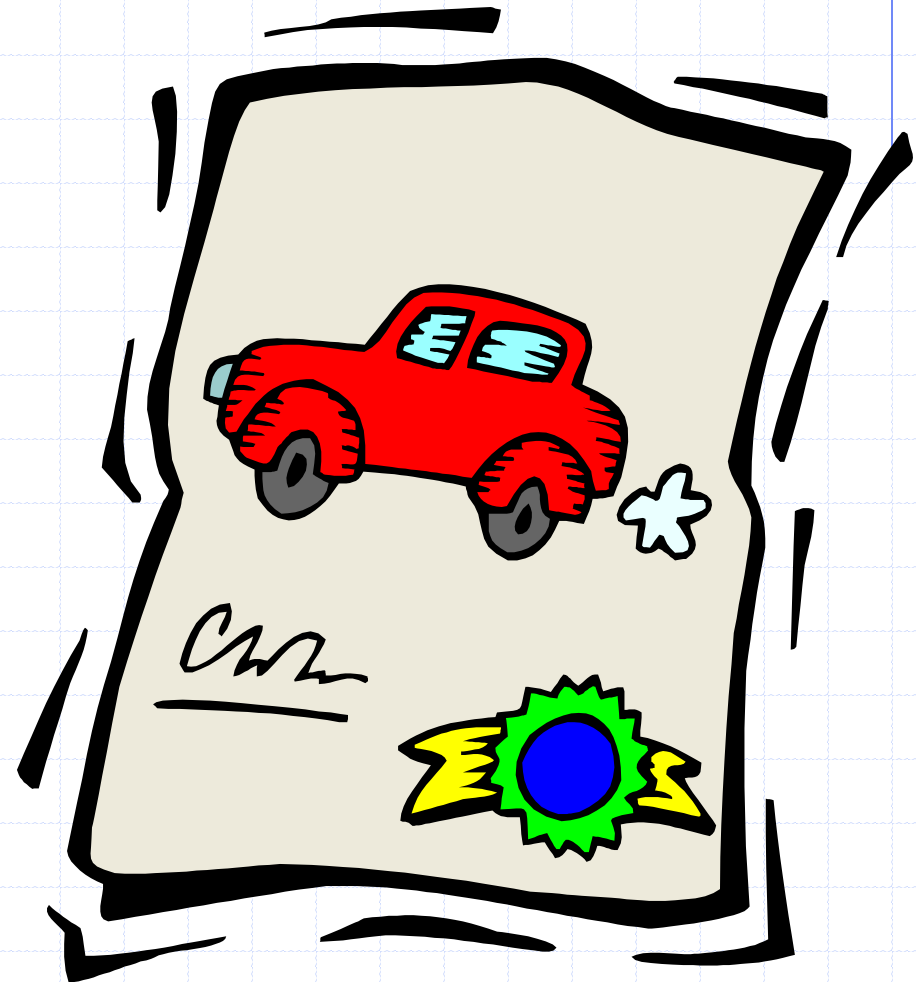
Marine Engine Repairer

Heavy Duty Technician

Transmission Technician

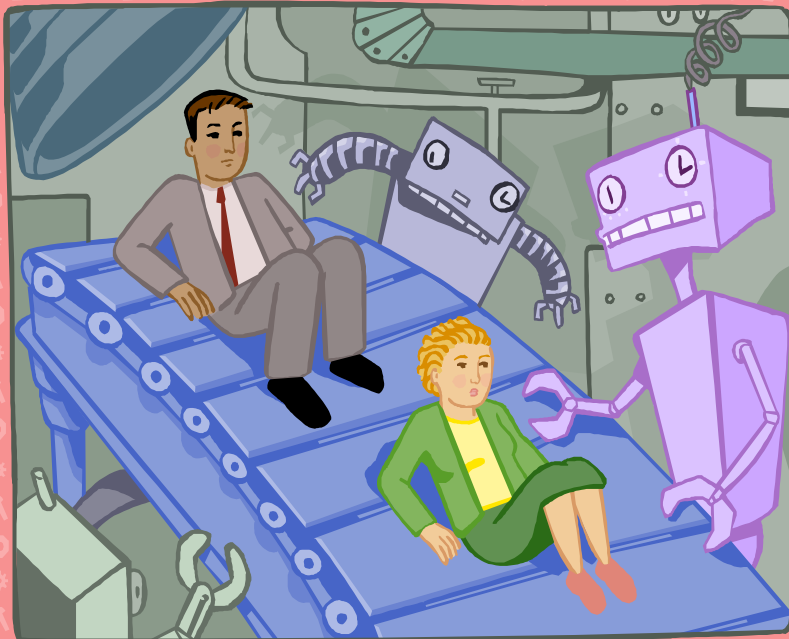
Motorcycle Technician

Truck/Coach Technician



# The 48 *industrial* trades include:

Aircraft Mtce. Engineer  
Blacksmith  
Cabinetmaker  
Draftsperson (3)  
CNC Programming  
Facilities Mtce. Mechanic  
Fitter (2)  
General Machinist  
Hydraulic Mechanic  
Industrial Electrician  
Locksmith  
Mould Maker  
Ski lift Mechanic  
Tool & Die Maker  
Welder



# The 34 *service* trades include:

Agriculture Technician (3)

Appliance Service Tech

Arborist

Baker

Cook

Child/Youth Worker

ECE

Electronic Service Tech

Hairstylist

Horse Groom

Horticultural Technician

IT support analyst (3)

Network cabling

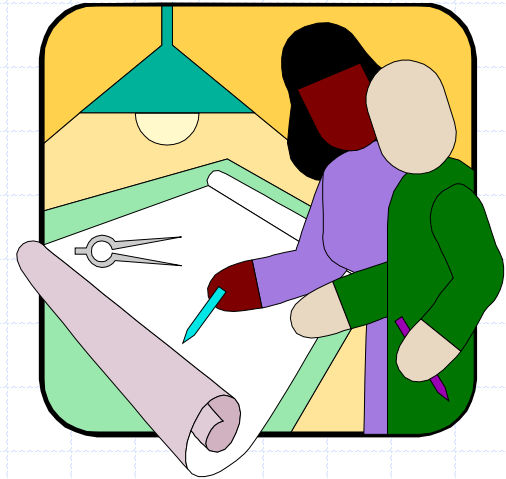
Pool & Hot Tub/Spa Tech.

Retail Meat Cutter



# OYAP Requirements

- 16 years of age
- 16 high school credits
- full time student
- competencies in Math, English, Science
- an interest in applied technology
- competencies in the related trade skills
- a positive attitude and good work ethic



# Apprenticeship Subject Pathways

- published by MTCU in September 2002.
- recommends the following **English, Math & Science** courses for this destination:
  - **Grades 9 + 10:** academic or applied
  - **Grades 11 + 12:** workplace (for most trades)
- recognizes the importance of certain college-level courses, plus technological studies, family studies, art, etc.

*This document is available in all YRDSB secondary schools*

# The OYAP Toolkit

Grade 9	Grade 10	Grade 11	Grade 12
Compulsory			
			Options
		OYAP	OYAP
		(2 credit)	(4 credit)

**Gr. 9:** *Job Shadow*  
**Gr. 10** *Work Experience*  
**Gr. 11 Options** *TTJ3E, TMJ3E, TCJ3E or Family Studies*  
**Gr. 12 Options** *TTJ4E, TMJ4E, TCJ4E or Family Studies*

**Curriculum:** college or workplace

**Co-op Links:** Technology, Family Studies, English, Math, Science, Art, Business

**Additional Certification:**

*WHMIS, Drive Clean, Smart Serve, CPR, First Aid, Service Excellence, PROTON*

**Apprenticeship Registration & Level 1 'in-school' prior to graduation**

# Labour Market Information for the Skilled Trades

- In 2002, skilled trades became **the fifth largest job listings category** on workopolis.com (after healthcare, admin., sales, and finance);
- negative stereotypes are a thing of the past. Skilled tradespeople are creative, sophisticated, analytical problem solvers with competitive salaries - **'the gold-collar'** trades
- A recent Ernst & Young survey of Canadian CEO's found that 35% believe that **a technical education will be more valuable in the workplace than a university degree in the next decade.**

# Wage Information

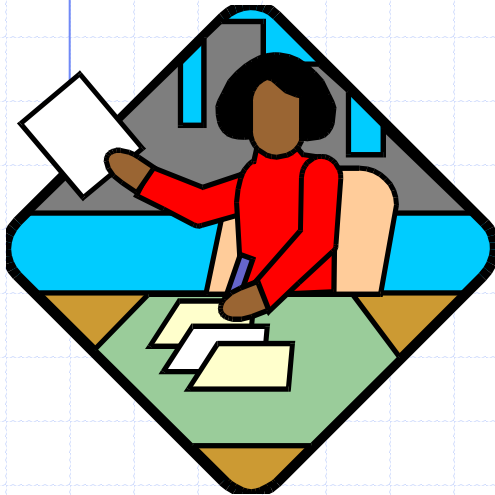
<b>Trade</b>	<b>1st Yr. Appr.</b>	<b>Journey person</b>
Carpenter	\$14.08/hr (union)	\$45-55,000
Brick Mason	\$14-16/hr	\$45-55,000
Refrig/AC Tech.	\$14-17/hr	\$60,000
Sheet Metal	\$14-16/hr	\$60,000
Auto Service Tech	\$10-14/hr	\$40-50,000
General Machinist	\$11-13/hr	\$45-50,000
Tool & Die Maker	\$14-17/hr	\$60-100,000
Horticulture Tech.	\$10-14/hr	\$35,000
ECE	\$9-10/hr	\$22,000

# Benefits of OYAP

- offers students a school-work destination with good job prospects
- allows students to start their post-secondary training program while they earn their high school diploma
- develops student connections with employers for post-secondary employment as apprentices
- is the recommended pathway for 'hands-on' learners

# Skills Work!

For more information about career opportunities in the skilled trades & technologies or the Ontario Youth Apprenticeship Program, speak to a teacher in one of the following departments at your school:



- Community Based Education
- Technological Studies
- Guidance Studies
- Alternate Education

Resources are also available at [www.yrdsb.edu.on.ca/oyap](http://www.yrdsb.edu.on.ca/oyap)