

# Skilled Trades 10

## Specific Curriculum Outcomes

Students will be expected to

### Cluster 1: Skilled Trades Living

1. demonstrate an understanding of the history, evolution, and societal impact of the skilled trades
2. demonstrate an understanding of skilled trades training and apprenticeship
3. demonstrate an awareness of labour standards and safety regulations
4. demonstrate an understanding of the economics and employment opportunities for work in the skilled trades
5. select appropriate artifacts to demonstrate learning throughout Skilled Trades 10 to be included in their LifeWork Portfolio
6. demonstrate an understanding of the nature of work and working conditions in the skilled trades
7. describe the essential skill sets required for success in the skilled trades

### Cluster 2: Safety

8. demonstrate an understanding of and the ability to apply workplace health and safety practices and procedures
9. demonstrate knowledge of how to use tools and equipment safely and to identify safety risks and hazards in the workplace
10. know how to use and maintain personal protective equipment

### Cluster 3: Measurement and Calculation for Trades

11. interpret and apply various systems of measurement
12. perform trades-related calculations
13. demonstrate an ability to use various measuring tools and devices
14. scale and convert trades-related documents

### Cluster 4: Tools and Materials of the Skilled Trades

15. describe and apply safety requirements for using tools and equipment
16. describe the characteristics of professional quality tool design and construction
17. identify appropriate hand tools for a range of applications
18. demonstrate an ability to safely use and maintain hand tools
19. identify appropriate portable power and battery-operated tools for a range of applications
20. demonstrate an ability to safely use and maintain portable power and battery-operated tools
21. demonstrate an ability to safely use and maintain stationary power tools and equipment, machinery
22. demonstrate the ability to select, identify, use, and store, in an environmentally sound way, trades-related materials
23. demonstrate an ability to work safely at levels above grade