

# Construction Trades 11

## Specific Curriculum Outcomes

Students will be expected to

### Cluster 1: Construction Trades Realities

1. demonstrate an understanding of the nature of work and working conditions in the construction trades
2. identify the work of carpenters, plumbers, construction electricians, lathers, painters and decorators, and floor covering installers; and the roles and responsibilities of people working in those trades
3. demonstrate an ability to sequence trade-related tasks and schedule different trades to complete a construction project
4. recognize established work standards in the construction trades and perform work reflecting those standards
5. model the employability skills required for successful employment in the construction trades
6. produce appropriate artifacts for their LifeWork Portfolio to demonstrate learning throughout Construction Trades 11

### Cluster 2: Safety

7. demonstrate an understanding of and apply workplace health and safety practices and procedures
8. identify safety risks and hazards in the workplace
9. demonstrate knowledge of how to use tools and equipment safely
10. demonstrate proper use and maintenance of personal protective equipment
11. demonstrate an ability to work safely at levels above grade

### Cluster 3: Measurement and Calculation for Construction Trades

12. scale, convert, and interpret trades-related documents and drawings
13. demonstrate an ability to estimate length, area, and volume
14. perform trades-related calculations
15. apply various systems of measurement

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

16. demonstrate an ability to use and maintain tools and machines in a safe, accurate, and developmentally appropriate manner
17. demonstrate the ability to demolish existing structures in a safe and environmentally sustainable manner
18. demonstrate the ability to identify, select, use, and store construction-related materials in a safe and environmentally sustainable manner