

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. The shapes are primarily triangles and polygons, creating a dynamic, layered effect. The text is centered in the white space between these shapes.

# Youth Explore Trades

## 10-12

# What is it?

- ▶ Youth Explore Trades provides students in Grade 10, 11 and 12 a unique opportunity to get hands-on and in depth experience sampling a variety of different Trade areas including Carpentry, Electrical, Plumbing, Drafting, Welding and Sheet Metal.
- ▶ The focus of the course is to give students a sense of what trades are available in industry and what trade may best suit their interests and talents.
- ▶ If you love creating new and exciting things and are interested in potentially exploring a career in trades but are not sure which trade you prefer, this is the course for you!
- ▶ Students may also use their experience in this course for later transitions into the Surrey School Districts Youth Train in Trades programs.

# Youth Explore Trades Video:



For more information on Trades check out [www.itabc.ca](http://www.itabc.ca)

# What will we be building?

## ▶ Carpentry

Students will learn carpentry skills to frame in shed style structures, including a floor, walls, roof and stairs.

## ▶ Electrical

Students will learn to install switches, outlets, lights and wiring into their wood structures.

## ▶ Plumbing

Students will learn to run PEX tubing to plumb in a sink and shower, they will also use ABS pipe to run drainage lines. There will be an opportunity to also practice soldering copper pipe to make a lamp.

## ▶ Sheet Metal

Students will learn to shear, bend and rivet sheet metal to create a small tool box.

## ▶ Welding

Students will learn to use oxy-acetylene torches and MIG welders to practice cutting and welding metal in a small project.

















