



## Timber Framers Guild

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DRAFT

## Part Thirteen Carving Curriculum

### 13D CARVING

#### DESCRIPTION

Identify and describe common hand tools used for relief carving and chip carving. Demonstrate the correct layout and chip carving of letters and numerals.

#### LEARNING TASKS CONTENT

1. Hand tool safety
  - PPE
  - Tool Guards & Sheaths
  - Good Practice
  - Hand Placement & Ergonomics
  
2. Carving tools
  - Mallets
  - Chisels & Knives
  - Tools Rolls
  - Drawknives, Scorps & Adzes
  - Chisel Terminology (Gouge, Parting, Skew, etc.)
  - Benches, Clamps & Vices
  - Dividers & Calipers
  - Introduction to Power Carving Tools (Arbortechs, Chainsaws & Special Bars, Carving Burrs, Rotary Bits, etc.)
  - Sharpening Carving Tools (Stones, Slips, Hones, Buffing Wheels, etc.)
  
3. Chip carving techniques
  - Layout from Patterns (Scaling & Tracing)
  - Sequence of Cuts
  - Tool Selection
  - Carving Techniques

#### GOALS FOR SUCCESSFUL COMPLETION

##### Practical:

- i) Learners will demonstrate one accurate method for scaling and laying out letters and numerals on timber beams. Learners will then demonstrate the safe and accurate chip-carving of 1" and 2" letters and numerals to within 1/16" tolerance of finely scribed lines.