

# TURNING ON THE LATHE

BEGINNING CLASS

SCHEDULE FOR TOPICS

| LESSON | TOPIC/SKILL   | DEMONSTRATION  | HANDS-ON PRACTICE | PROJECT                       |
|--------|---|--|-------------------|-------------------------------|
| 1      | SAFETY----OPERATION/PARTS OF THE LATHE----OVERVIEW OF TOOLS—CUTTING WITH THE SPINDLE ROUGHING GOUGE (WET LIMB) OR SMALL DRY BLANK | MOUNTING WOOD SAFELY BETWEEN CENTERS-TERMS<br><br>USING THE SPINDLE ROUGHING GOUGE<br><br><b><u>COVER ABC'S</u></b> <ul style="list-style-type: none"><li>➤ ANCHOR</li><li>➤ BEVEL</li><li>➤ CUT</li></ul> | YES               | TOOL PRACTICE ONLY            |
| 2      | CONTINUE WITH TURNING A SMALL LOG OR DRY PIECE BETWEEN CENTERS AND TURN : PRACTICE WITH A SPINDLE GAUGE FOR DETAIL                | INTRODUCE BEADS AND COVES  | YES               | BUD VASE AND PRACTICE         |
| 3      | TURNING A key chain blank BETWEEN CENTERS.  | DEMONSTRATE TURNING A KEY CHAIN BETWEEN CENTERS AND FINISHING WITH A PADDING LACQUER (MYLANDS)   | YES               | SIMPLE KEY CHAIN AND ASSEMBLY |
| 4      | SPINDLE GOUGE SKILLS  | DEMONSTRATE (MORSE TAPPER CHUCKING)<br><br>SPINDLE GOUGE   | YES               | SPINNING TOP                  |

|           |  |  |          |   |
|-----------|--|--|----------|---|
| <b>5</b>  | CONSIDER PART OF A SESSION FOR BASICS<br><br><b>OPEN DAY?</b>                                      | TURN Cylinder round<br>1 <sup>st</sup> with roughing gouge<br>2 <sup>nd</sup> with spindle gouge | Practice | Correct tool angle/bevel on wood---intro to stick pen #6        |
| <b>6</b>  | COMBINE ROUGHING GOUGE AND SPINDLE GOUGE TECHNIQUES  | PROCESS FOR TURNING A (BIC) STICK PEN  | YES      | TURNING AND ASSEMBLY<br><br>STICK PEN                           |
| <b>7</b>  | OPEN DAY FOR TURNING   |  |          |   |
| <b>8</b>  | TURNING BETWEEN CENTERS. REDUCING SIZE OF EACH END, SMALLER AND SMALLER, RIGHT BEFORE PARTING OFF. | DEMONSTRATE TURNING PROCESS/FORM/ AND PARTING OFF EACH END AND FINISH SANDING ETC                | YES      | APPLICATIONS:<br><br>HONEY DIPPER<br>STICK PEN<br>LETTER OPENER |
| <b>9</b>  | EITHER HERE OR AT END (11) HAVE ANOTHER OPEN DAY FOR TURNING.                                      |  |          |   |
| <b>10</b> | USING A MANDREL  | TURN A TURN A KEY CHAIN WITH A MANDREL-COVER BUSHINGS, MANDRELS AND ASSEMBLY OF A KIT            | YES      | KEY CHAIN WITH A BRASS TUBE                                     |
| <b>11</b> | TURNING WITH A MANDREL   | SAME AS EGG/HONEY DIPPER   | YES      | PENS AND ASSEMBLY   |
|           | <b>OPEN DAY?</b>   | Student's choice   |          |   |

