METALWORK SAFETY

NAME

KEEP THIS WORKSHEET

YOU CAN USE IT NEXT YEAR AND NOT HAVE TO DO IT AGAIN

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| **NAME** | **PURPOSE, TIPS, SAFETY, & THINGS TO LOOK OUT FOR** |
| **BEHAVIOUR** | * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ noise * Pay \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to others |
| **ATTIRE** | * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **PROCEDURAL** | * Work \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Ask for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the machine  * Stand \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ away * Keep fingers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ away from cutters |
| **SAFETY EQUIPMENT** | * #1 MOST IMPORTANT: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Precision \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ instrument * For scribing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lines * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * For marking or checking a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for drilling |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * Fur cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AKA: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * For cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for picking up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   **DO NOT USE GLOVES**   * NOT FOR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME! |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * When possible, always use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ end |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * Useful, but can \_\_\_\_\_\_\_\_\_\_\_\_\_\_ nuts and bolts |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ work. * Jaws will \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your project |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Pointy end used to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * Very \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ weight      * Used for flattening \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only * Doesn't do \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ well |
| *SHORT VIDEO – WATCH!* | |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only * Doesn’t do \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ well |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * Cuts \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Keep at least \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ teeth touching * Teeth point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from handle |
|  | * DO NOT PUNCH THE VISE      * "\_\_\_\_\_\_\_\_\_\_\_\_\_\_" to the sound of the cut |
|  | * "How do I stop this from bleeding?" |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cutting * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the blade! * Teeth point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the handle |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal * Easily \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * For curving \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only |
|  | * Name:      * For \_\_\_\_\_\_\_\_\_\_\_\_ raised bead into \_\_\_\_\_\_\_\_\_\_\_ metal |
| *SHORT VIDEO - WATCH* | |
|  | * Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      * AWESOME for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **HAND DRILL & DRILL PRESS** | * Makes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * All material must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * All holes must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Any hole bigger than 1/4" must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ controls how deep you drill! |
| **BENCH GRINDER** | * Grinding - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ONLY * Tool rest = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Stones may \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - stand to one side when starting * Grind on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the stone only |
| **WIRE WHEEL** | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wire wheel will \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your skin * Wire wheel on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the wheel * Not recommended to wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| *SHORT VIDEO – WATCH!* | |
| **BUFFING WHEEL** | * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ class only * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Polish on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the wheel * CAUTION: Polishing gets \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ! |
| **ANGLE GRINDER** | * For grinding \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only * Grind \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Sparks hurt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Sparks damage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **LATHE** |  |
| **LATHE**  **LATHE** | * Makes things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  * Keep hands, arms, sleeves, and hoodie strings away from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Never leave the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Spin the chuck \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **LATHE** | * Be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the cutter      * GOLD is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * BLUE is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **LATHE** | * Cutter travel should be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to travel * Cutting tip should be the same height as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Cross out the two WRONG setups: |
| **MILLING MACHINE** | * Makes things \_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Material must be \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Keep hands, arms, sleeves, and hoodie strings away from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Cut \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the rotation of the cutter * Be \_\_\_\_\_\_\_\_\_\_ to the cutter - take light cuts (Chip colour)      * Draw the direction arrows correctly: |
| **HORIZONTAL BANDSAW** | * For cutting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal * No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal - at least 3 adjacent teeth at ALL TIMES |
| **CHOP SAW** | * AWESOME for \_\_\_\_\_\_\_\_\_\_\_\_\_ * Sucks at \_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Clamp \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * No steep \_\_\_\_\_\_\_\_\_\_\_\_\_! |
| **BELT SANDER** | * For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ metal surfaces * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_! * Watch your \_\_\_\_\_\_\_\_\_\_ * Sand on the \_\_\_\_\_\_\_\_\_\_ side of disc rotation |
| **BLACKSMITH FORGE** | * HOT! * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_! * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PROTECTION! * LEATHER \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_! * LEATHER \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   + *There’s a story behind that….* |