**Intro to Welding Lab Sheet**

**Purpose**: To learn how to properly strike an arc and create a puddle.

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**Materials**:

* Soap stone
* Welding helmet
* MIG and Arc Welder
* 6011 and 7018 welding rod
* Proper Protective Equipment (PPE)
* Chipping hammer
* Wire brush

**Directions**:

1. Put on PPE and welding helmet
2. Cut 1/4 inch strap 4” x 4” for Arc Welding
3. Cut 1/8 inch strap 4” x 4” for MIG Welding
4. Turn on welder and set up machine to proper amperage.
5. 6011, 95-105 degrees, 7018, 115-125 degrees. MIG welder follow chart on machine.
6. With welder set, strike and arc and create little circle puddles as described in the diagram.
7. Fill metal pad full of weld puddles.
8. Show teacher to receive a grade. GRADE: 30/30

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