**Semester(s) offered:   Fall 2020**

**Berrien Springs Parent Partnership**

**Group Music and Project Based Learning Course Description**

**Course Title: Upcycled Blacksmithing**

**Ages: 12 and up Prerequisite: Blacksmithing 1 or permission of instructor.**

**Category: S18 Historical Arts and Technology, F18 or S19 Humanities: Reenactment Arts**

**Class size: Min: 2 per group Max: 4 per group ( no max class sign-up )**

**Required Hours: 16 Total possible hours: 16**

**Location: Guimond Metal Art Studio**

**Address: 04160 County Road 689**

**South Haven, MI 49090**

**­­­­­­­­­Phone: 269-767-4600**

**Email:** [**tguimond@comcast.net**](mailto:tguimond@comcast.net)

**Feel free to call, text, or email with any questions.**

**Instructor: Ted Guimond, returning instructor**

* **Bachelor and Master of Education from GVSU, Emphasis: Technology In Education**
* **Elementary /middle school teacher 32 years in Saugatuck system**
* **Blacksmithing professionally since 2004**

**Classes are graded on a Pass/Fail basis.**

**Criteria for passing the class:**

**1) Student agrees to attend at least 80% of class sessions/lessons offered. Attendance is kept online and tracked by Partnership staff. Failure to meet 80% or be on track to meet 80% may result in program discontinuation.**

**2) The Partnership Student Assessment or Performance Form is filled out by the teacher and turned in to Partnership staff. The link to this form is found on the web page for this class. Failing marks for lack of participation, behavior issues, practice time, etc. may result in program discontinuation.**

**Course description:**

**Upcycled Blacksmithing: Upcycling is converting used or discarded items for a new purpose. Upcycled Blacksmithing is the use of materials that have been picked up from a scrap pile, or discarded from one purpose and are forged into new and useful items in the blacksmith shop. Examples are, but not limited to: kitchen knife from industrial coil spring, herb chopper from lawn mower blade, barrettes and pendants from political lawn sign support rods, dinner triangle chimes from old re-rod, letter opener from railroad spike…many possibilities**

**STUDENTS SHOULD ALWAYS WEAR:**

* **closed toe shoes (preferably leather)**
* **natural fiber clothing (100% cotton, flax, bamboo, silk, or hemp shirt and pants).**
* **long hair tied back**
* **no jewelry**
* **gloves are optional**

**STUDENTS SHOULD BRING TO CLASS:**

* **Personal eye protection: safety glasses or goggles.**
* **Personal hearing protection: ear plugs or sound reducing head gear.**
* **Pencil and notebook**
* **Personal water**
* **Personal snacks**

CLASS SYLLABUS

**Upcycled Blacksmithing:**

TED GUIMOND: INSTRUCTOR

**Tentative weekly breakdown of instruction:** There will be eight two-hour sessions. Classes will involve discussion of shop safety, forging demonstration(s) by the instructor, and student creation of hand forged items. Frequent water breaks are suggested. A 10 min break will be taken half way through the class for drinks and snacks.

**Week 1:** Discuss shop safety. Forge barrette or pendant/medallion from discarded political sign rods.

**Week 2:** Review safety, forge triangle dinner chime from old re-rod.

**Week 3:** Begin work on small kitchen knife made from overhead door spring. Includes heat treating.

**Week 4:** Complete kitchen knife

**Week 5:** Forge cooking fork made from reclaimed square stock.

**Week 6:**:Forge and assemble pancake flipper from reclaimed metal.

**Week 7:** Begin forging a rail road spike knife.

**Week 8:** Complete the Rail Road spike knife.

Schedule and projects will be adjusted depending on student skills and needs. Students who have previously taken this class will be offered alternative projects.

**Note to parents:**

All parents are welcome to stay during the class, but at least one parent from the class **must** stay to provide “two deep leadership” and security.