

Berrien Springs Partnership Syllabus and Instructor Qualifications

CLASS TITLE: Makerworld

GRADE OR AGE LEVELS: Ages 10 and older with the ability to work on their own.

Maximum enrollment: 8 students

START DATE: September 3/Feb 4 **END DATE:** January 21/June 10

WEEKS TOTAL: 10 weeks and additional optional hours on opposite weeks working on their own. **WEEKS OFF:** Thanksgiving & Christmas and New Years weeks

DAY/TIME REQUIRED: Saturdays 10-12 or 1-3 **ADD'L DAYS/WK AVAILABLE:** off weeks

HOURS (REQUIRED): 16 hours/sem **# HOURS (POSSIBLE):** 20 hours/sem

TOTAL SEMESTER HOURS POSSIBLE: 40

LOCATION/ADDRESS: 2601 N. 5th Street, Niles, MI 49120

DIRECTIONS TO LOCATION (if needed):

MAIN INSTRUCTOR: Gail Bliss

ADDITIONAL PRIMARY INSTRUCTORS (background checked): None

CONTACT INFORMATION: phone: 574-340-1025 email: thenilessteamroom@gmail.com
website: <https://www.nilessteamroom.com/>

ADDITIONAL REGISTRATION AT SITE REQUIRED? YES NO X

IF YES, INSTRUCTIONS FOR REGISTRATION:

MAIN INSTRUCTOR QUALIFICATIONS:

Gail has a Master's degree in Business Administration and has enjoyed teaching learners of all ages for over 40 years. Subjects taught include; 3d printing, art, Bible, cake decorating, entrepreneurship, laser printing, sewing and more. As a homeschool mom of 4, she actively sought ways to nurture the maker in her own children. She enjoys seeing learners engage in discovery and taking that discovery to new heights in their own lives. She is a lifelong learner and maker herself and strives to pass on the knowledge she has acquired to others. It is her desire that every child she encounters understands their worth and the power they have over their achievements.

COURSE DESCRIPTION (complete overview shown on website):

The makeworld is an exciting world. I invite you to come join me on a journey of self-discovery. Everyone has a bit of maker created inside of them. It is my privilege to help you uncover your maker gifts. This class will give you the opportunity to learn how to use tools and equipment available in the Niles STEAM Room makerspace. This

is a self-directed course with you in the driver's seat. You choose what equipment you want to use and what projects you want to complete. I will come alongside you to encourage and inspire you. You will have the opportunity to take your skills to the next level in this class or future classes, by choosing to explore entrepreneurship and sell your creations. The following are just a few of the tools and resources available, laser cutter, 3d printers, vinyl cutters, sewing machines, pottery wheels, resin molds, jewelry making tools and glass slumping.

Each student will be given the opportunity to demonstrate their learning by completing their self-directed, student choice projects.

Your maker creations will be showcased on our website and on facebook. No student names will be published without written consent of your parents. Then, only first names will be publicly posted.

SYLLABUS/OUTLINE: weekly breakdown of Project-Based Learning activities

Describe activities that will reinforce the lesson. Include any work and time to be required outside of class. List here or (circle) **SEE ATTACHMENT**.

As makers identify their learning goals, weekly accountability will take place. The instructor will provide helpful feedback to lead to a positive outcome.

COURSE OBJECTIVES AND APPROXIMATE TARGET DATES:

Steps to check for student understanding, along with dates or # of weeks into class:

As makers focused goals are laid out, makers will demonstrate they understand by producing a project generated from those self-directed goals.

STUDENT ASSESSMENT - what will be used to evaluate student progress and/or end of semester pass/fail status?

All classes abide by the following:

- 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.

Class-specific assessment: discuss and include the form or a link to the form that you use.

Finalized projects will be assessed on how much the artist has advanced in their techniques.

ADDITIONAL RESOURCES: (online, books, video, etc.):

CLASS POLICIES: ATTENDANCE, BEHAVIOR, WEATHER, ETC.

Attendance: It is expected that an artist attends all sessions for the best outcome and learning experience.

Behavior: Responsible behavior is expected. Adherence to safety and procedural policies will be expected at all times. Honoring fellow artists will be expected by encouraging one another on their work.

Weather: If the Niles School District is closed due to weather, this course will also be closed.

Other: If an event like COVID 19 were to happen again, virtual instruction will be available, each week. Zoom sessions will take place to discuss their progress and supplies will be made available to work on their own.