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**2024-2025 SCHOOL YEAR**

## Lego Lab/Art Exploration (GVL)

All 6th grade classes must be taken as a package. This is one of four classes in the package.

**Grades:** 6th Grade

**Fees:** Two Day Model: \$1440 for 6th grade package of 4 classes

\*This model will require a \$55 combined lab and art supply fee. Lego Lab and Art Exploration will be held on alternate days for the two day package.

**Sections Offered:** [Sections: Forest and Jungle](#),

## REQUIRED MATERIALS

### Lego Lab

**Textbook:** All in class materials are covered by the lab fee and will be supplied by the teacher.

**Other materials:** (Students need available at home):

- **Personal Use Computer (Students have found success with Chromebooks, Macbooks, and ipads with a keyboard. However, they may need extra support from the home teacher depending on the platform.)**
- **Email account and login**
- **Access to Google Drive (this can be set up with email address)**

## **Art Exploration**

**Textbook:** none

### **Other materials:**

- #2 pencils
- Folder with pockets (for handouts)
- Spiral Sketchbook, 9"x12"
- Large, standard-size Poster Board (to make portfolio)
- one pack of baby wipes or clorox wipes (to be left in class)

## **Course Description**

Lego Lab is a STEAM class teaching basic computer literacy with hands-on weekly challenges in class involving designing solutions to problems and coding the design. During class students will be given opportunities to work in collaborative teams as they learn various computer skills, coding reasoning, problem solving skills, and communication skills. The instructor will use kits from Lego Education to provide a fun, hands-on method of exploring the world of science and technology.

There will be two short assignments before class starts, they will be posted at the beginning of August in Jupiter Ed.

In their Art Exploration class students will focus on creative expression, art history, and art appreciation. They will use techniques and media to create art pieces such as drawing, painting, mixed media, textiles, sculpture, and printmaking. They will be introduced to art vocabulary organically, including the Elements of Design (line, shape, color, form, texture, value, and space), as well as the Principles of Design. Students will study several artists (modern, contemporary, and a few from other art periods) while also learning how to critique their own works of art.

## To be successful in this class:

For Lego Lab success depends on a student's ability to work effectively with a partner or within a group, manage time wisely, and ability to follow directions. To be prepared for each class, students will need to preview the lesson for the upcoming week at home

The Art Exploration curriculum is based on a three-year rotation to accommodate students from grades 6-8 and those taking the course more than once. Students have no need of prior experience or particular talent, but to be willing to try new things and enjoy the process. Participation and effort are the keys to success. Weekly participation grades will be based on effort and improvement during class.

### Homework:

- LEGO class homework will be to preview the upcoming lesson.
- Art Exploration will not be assigned homework.

## Sections: Forest and Jungle



### Meet Meredith Landis

**Education:** Bachelor's degree Elementary Education

**Teaching experience:**

- Six years in public school setting
- One year at another homeschool co-op

**Certifications:** SC certified Elementary Education

**UHC courses taught:**

- Middle School Intro to Physics/Machines in Motion
- Lego Lab
- Intermediate Math Lab
- Introduction to Chemistry

Began teaching at UHC in 2017



## Meet Anna Humphries

**Education:** Liberty University

**Teaching experience:** Art Educator at Amazement Square and Instructor for various art camps

**UHC courses taught:**

- Elementary Art (Grades 3-5)

- Art Exploration (Grades 6-8)

Began teaching at UHC in 2013

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