



2025-2026 SCHOOL YEAR

Lego Lab/Art Exploration TR

Lego Lab and Art Exploration will be held on alternate co-op days.

Grades: 6th Grade, 7th Grade, 8th Grade

Fees: \$360 per year *Fee: \$60 combined Lego lab and art supply fee.

Sections Offered: [Lego Lab](#), [Art Exploration](#)

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):

- **Computer Access-**They will need to be able to watch a video on a computer each week.

Art Exploration

Textbook: none

Other materials:

- One Liquid Elmer's Glue
- 2B Pencils
- One Pink Eraser
- One Grey Kneaded Eraser
- One Clear Ruler
- 9"x 12" Spiral Sketchbook **(to be brought to class each week)**
- One Folder with Pockets
- One pack of baby wipes or Clorox wipes **(to be left in class)**
- Small zippered pouch to hold small art materials

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.

Lego Lab



Meet Maddie Carter

Education:

- North Greenville university- Bachelor of Arts in elementary education

- Clemson university – ESOL certification

Teaching experience:

- Armstrong elementary school- 3 years in 4th grade
- Greenville county virtual program- 1 year in 4th grade

Courses taught at UHC:

- Civics
- K3

Began teaching at UHC in 2022

Art Exploration