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**2024-2025 SCHOOL YEAR**

## Lego Lab GVL

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

**Grades:** 6th Grade

**Fees:** One Day Model: \$720 for 6th grade package of 4 classes

\*This model will require a \$30 lego lab fee.

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

## REQUIRED MATERIALS

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

## 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.

## **To be successful in this class:**

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.

### **Homework:**

- LEGO class homework should take less than 20 minutes a week.

## **Sections: Desert, Forest, Jungle, Tundra**



## 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

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