

After-School Classes at Loma Prieta Elementary School



LEGO® ANIMALS, LEGO® WeDo™ MARINE ROBOTICS, & VIDEO GAME DESIGN

Mondays, November 17, 2014 - January 26, 2015

(No Classes Dec. 22 & 29, Jan. 19)

1 hour classes for 8 Weeks; Instructor: Shelly Laschkewitsch

LEGO® ANIMALS: 1:35-2:35 (Gr. K)

Using LEGO® bricks and specialty pieces, students will explore different types of animals and their habitats. They will build and study animals in mountains, deserts, the rainforest, arctic regions, oceans, grasslands, and wetlands. Students will gain experience with creativity and development of fine motor skills.

Cost: \$130

LEGO® WEDO™ MARINE ROBOTICS: (Gr. 1-5) 2:50-3:50

This is a science course using the LEGO® WeDo™ robotics system in which students will explore robots in an oceanic context. Students will learn about coral reefs while building a variety of robots, including a scuba diver, a fish, a manta ray and a sea turtle. **Cost: \$130**

VIDEO GAME DESIGN: (Gr. 1-7) 4:00-5:00

Students will use a variety of software programs to design and program their own video game. Students will explore the art of planning the game, programming it, learn some basic terminology, and practice problem-solving and critical thinking skills. They will then share and play each other's games. **Cost: \$130**

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