



UPCYCLE IT

Thursdays, September 15- December 15 (no class Oct 14 and Nov 24; 12 weeks)

11:00am-12:15pm

Ages 6-8

In this course, students learn to reuse discarded objects and materials to create a product of higher quality or value than the original items. They utilize their engineering skills and touch on topics of environmental science as they go through the recycling process and effects of trash and waste on the planet. All lab costs are included in the registration fee.

Instructor: Ashley Blocker, BSc

Location: Science Center (Suite 5) - Roswell

Course fee: \$220 or \$20/lab

10% sibling discount

Register for full semester or individual labs

LAB SCHEDULE:

UPCYCLING AND RECYCLING - Thursday, September 15

This week, students learn about the concepts of upcycling and recycling, why we do it, and learn how long it takes for man-made objects to naturally decompose.

PIGMENTS - Thursday, September 22

Students upcycle old materials and natural pigments as they create their own paint and create an eco-friendly artistic masterpiece.

MOSAICS - Thursday, September 29

Instead of discarding broken items, students give new life to pieces of household items by turning them into beautiful mosaics.

METALS - Thursday, October 6

Students identify and manipulate different metals in order to repurpose them as trinkets, charms and jewelry.

WOODWORKING - Thursday, October 20

In this class, we investigate the importance of trees and sourcing wood responsibly as we use old wood to make ethically-sourced decor.

CREATING PAPER - Thursday, October 27

In this lab, we reuse old paper scraps to form new sheets of paper to use as we create greeting cards.

GLASS FUSING - Thursday, November 3

Glass is a man-made product that can take thousands of years to naturally break down. Students design and fuse old glass pieces to create their own charms.

FABRICS - Thursday, November 10

Do you know how much water and energy are used by the textile industry to make your favorite clothes and accessories? Students upcycle old t-shirts and turn them into bags to carry around all their treasures.

ECOBICKS - Thursday, November 17

This week, students explore the concept of ecobricks and sustainable housing as they create their own ecobricks with old plastic bottles to build a mini eco-friendly house.

CANDLES - Thursday, December 1

Students investigate the physical and chemical properties of wax as they melt down old materials to create new candles.

PLASTICS AND POLYMERS - Thursday, December 8

Students learn about the physical and chemical properties of plastic and look at alternatives that could reduce our plastic use as we use old bottles to create bird houses.

SCULPTURE MAKING - Thursday, December 15

In this course we will learn about artists around the world who are using trash to build beautiful sculptures that illustrate an eco-friendly mission. The students work to design and build their own sculpture-for-good to inspire their community.