

Session 1

Making Music Meaningful	In this lesson, students will explore the connections between music, art and writing as they listen to classical masterpieces illustrating different styles and moods.
Chemistry in Baking	Learn basic chemistry in the art of baking.
The Great Egg Drop	At supermarkets, conditions aren't always optimal, especially for eggs. Fashioning a protective cage around an egg, can you safely protect it from breaking after a fall?
Cracking the Code	Have you ever wanted to write secret notes to your friends? Make your own invisible ink? Or just learn Morse Code? Join us for a fun time of code and cipher cracking and creating.
Puzzle Games	Have you ever wondered how to solve a Rubik's cube? Do you enjoy problem solving? Bring your own cube and find out!
Edible Bridge-Making	Have you ever wondered how bridges work? If so, come and learn the basic information about bridges, and then build your very own bridge out of marshmallows; the group that makes the strongest bridge wins a prize!

Session 2

DNA	Learn about DNA's structure and function. Build a model of DNA and extract DNA strands from strawberries.
Papermaking	Make your own craft paper in this environmentally friendly workshop! We will use different materials to turn old "junk" into something new and beautiful.
What do Soup Cans and Marilyn Monroe Have In Common?	We will look at some of the most influential popular art of the 19th and 20th centuries then create some pop art of our own.
Electricity and Magnetism	Students will learn the basics of electricity and magnetism.
Photoshop Basics	Learn how to use the main tools and tricks in Photoshop efficiently and understand the basics required to manipulate photos and learn to create unique images.
Learning Sudoku	Teaching those who do not know Sudoku, or helping to advance those who wish to improve their Sudoku skills.

Session 3

Basic Aerodynamics with Paper Airplanes	In this workshop students will work together to create a few paper airplanes, refine them according to the laws of aerodynamics, and test them.
Improv Games	Come and play some improvisational games for an hour. This class depends on your participation, so come ready to act.
Gimp and Hemp Creations	Students will learn how to tie gimp and hemp into fashionable items with neat patterns, such as bracelets, anklets, and key chains.
I Roll It Away and It Comes Back to Me	Make a can that comes back to you when you roll it away. Compete in exciting races while creating a device to help you learn about the conversion of potential energy to kinetic energy.
Is Black Really Black?	Using paper coffee filters and different black markers, determine which type of black marker contains more colors.
Chemical Creations	Learn about molecules and density through the fun activities of making homemade slime and creating a liquid rainbow in a glass!

Session 4

Hemp, Gimp, and Crafty Patterns	The students will learn how to design hemp into fashionable patterns.
Balance Bonanza!	Learn about balance and test your balance against others. Stand on one foot, balance on a board, and maybe even try riding a unicycle. Please wear appropriate footwear.
Cryptography	This seminar will be a basic introduction to encryption, and how to decrypt a message.
Sound Synthesis	Build your own virtual instruments and begin making modern music.
Sticky Situation: Make your own bubble gum	Make your own bubble gum from scratch.
Origami for Dummies	Are you creative? Do you like math? Explore the world of origami making! You'll not only design your own origami, but also incorporate math into your design.