

List of Supplies

Class: Spring Break Camp: Moving Sculptures (Ages 11 – 14)

Instructor: Will Onkka

Students are asked to bring the following supplies:

- 10 wire coat hangers
- 3 shoebox-sized cardboard boxes
- 1-3 issues of an interesting magazine (to be cut up)
- 1-3 printed photos that the student would possibly like to incorporate into his/her sculptures

Please be in touch with the Art Colony should you have a hard time gathering coat hangers and cardboard shoeboxes. We will also put the word out to the community for donations of these items.

The following supplies will be provided:

- White Roll of Paper
- Colored Construction Paper
- Markers
- Colored Pencils
- Masking Tape
- Tempera Paint
- Brushes
- Scissors
- Hot Glue Guns
- Needle-nose Pliers
- Mod-podge
- AA Batteries
- Electrical wire
- Electrical tape
- Paperclips
- DC motors
- Various switches
- Fishing line
- Bamboo Grilling Skewers
- Rubber bands
- Straws
- Paper cups
- Picture wire
- Popsicle/Paint/Tongue Depressor sticks



Expectations of Student/Learning Outcomes:

- Explore the overlap between art and engineering and learn about circuits, two-dimensional composition, levers, gears, and sculptural elements.

Day 1	Day 2	Day 3	Day 4	Day 5
DoodleBot - Students will learn to make simple circuits by creating a motorized "Doodlebot". Students will use the Doodlebot to create original 2D drawings.	Levers and Artistic Mobiles - Students will explore the delicate <i>balance</i> between art and engineering while creating mobiles from natural and found objects.	Levers and Artistic Mobiles Continued	Amazing Automata - Students will explore gears, cams and other mechanical linkages to moving sculptures with the simple twist of a crank.	Amazing Automata Continued

