



Monday – Maker Basics: Get ready to create! Learn principles of design and test your creativity by designing a kinetic sculpture inspired by the artwork of Alexander Calder.

Tuesday – Hello World! Campers will gain hands on experience with coding and computer modeling as they design 3D objects and begin building an arcade game!

Wednesday – Adventure Time: Get ready for adventure as we create characters and learn about story development. We will then learn how artists gain inspiration from unconventional objects.

Thursday – Maker Mindset: Engineers and makers have a lot in common! One thing they share is that both design and create innovative technology! Campers will dive into the world of physics as they construct a marble run before designing their own marble maze.

Friday – Sound Science: Great games come together with an awesome soundtrack! Today, campers will mix their own backing tracks and make their own instruments.

Monday

Item	Quantity	Substitution
Coat Hanger	1	
Recycled cereal/cracker boxes	2	Thin cardboard
String	1 spool	Yarn, twine, fishing line
Safety Scissors	1 pair	
Glue		Tape
Coloring materials	assorted	
Colorful fabric	Various	Clothing- will not be damaged
Copy paper	2 sheets	
Construction Paper	6 sheets	Any colorful paper or colored white paper

Tuesday

Item	Quantity	Substitution
Paper	2 sheets	
Graph paper	2 sheets	Notebook paper and ruler
Coloring materials	Assorted	
Ruler	1	
Masking Tape	1 -2 ft	
Recycled materials*		See table below for ideas





Wednesday

Item	Quantity	Substitution
Paper	3 sheets	Any paper
Recycled materials*	20-30 items	Small objects- enough to fill a sheet of paper
Playdoh	1-2 jars	Clay or any modeling compound
Liquid Glue	1 bottle	
Safety Scissors	1 pair	
Recycled plastic objects	As many as possible	

Thursday

Item	Quantity	Substitution
Assorted Cardboard	3-4 Boxes	Shoebboxes, Snack boxes, Cereal boxes
Marble	1	Bouncy ball, any small ball that rolls– even make your own
Unsharpened pencils	2	
Masking Tape	1 roll	
Clips	10	Binder clips, clothes pins
Empty Paper Tubes	5	
Safety Scissors	1 pair	
Copy Paper	3 sheets	Any color
Plastic Straws	10-15	
Recycled materials*		
Liquid Glue	1 bottle	

Friday

Item	Quantity	Substitution
Rice	1 cup	Dried beans
Rubber bands	5	
Disposable plates	2	
String	1 spool	Yarn, twine, fishing line
Brown Grocery Bag	1	Old t-shirt
Natural Materials**	Assorted enough to fill a sheet of paper	
Recycled Materials*	Assorted enough to fill a sheet of paper	
Liquid Glue	1 bottle	
Safety Scissors		
Tape	1 roll	Any tape





***Recycled Materials could be any of the following:**

Cardboard boxes	Packing Peanuts	Bubble wrap
Bottle caps	Cans	Bottles
Food jars	Milk cartons/jugs	Old greeting cards
Egg cartons	Clean takeout containers	Plastic cups
Old t-shirts	Corks	Plastic Bags
Paper towel tubes	Toilet paper tubes	Cereal/Cracker boxes
Newspaper	Plastic Utensils	Wooden chopsticks
Old electronics	Magazines	Old books
Hardware (nuts, bolts, washers)		

****Nature Materials could be any of the following:**

Leaves	Twigs	Grass
Wood chips	Bark	Rocks
Pebbles	Acorns	Shells
Sand	Dirt	Feathers
Pinecones	Seed pods	Seeds
Fruit pits	Moss	Flowers

