



Monday – Environmental Citizens: Campers will be introduced to the world of citizen science and Zooniverse. We will take the first steps to become citizen scientists by participating in an environmental project that can be studied in their own backyard.

Tuesday – Amateur Astronomers: We will take a journey to the outer reaches of the universe by building our own spectrosopes and identifying galaxies in the Galaxy Zoo!

Wednesday – Life Underwater: Today we will investigate climate science by participating in some of the citizen science projects dedicated to protecting and understanding dynamic marine environments.

Thursday – Microscopic Life: Time to explore the medical side of citizen science by learning how gaming can aid in research, searching for mitochondria, and learning about protein folding by folding cells by hand.

Friday – Calling Global Citizens: Campers will wrap up the week’s discoveries by sharing a citizen science project that piques their interest! Then they will create and test tools to use in long-term research projects.

Monday

Item	Quantity	Substitution
Coloring Materials	Various	
Unlined Paper	2 sheets	Construction Paper
Recycled Magazines	2-3	Optional Addition
Safety Scissors	1	
Glue	1	

Tuesday

Item	Quantity	Substitution
Empty Paper Towel Tube	1	Rolled sheet of paper/cardstock
CD	1	DVD
Dark Construction Paper	1 sheet	Cardstock, paper colored black with markers
Safety Scissors	1	
Tape	1 foot	
Paint	Various colors	Colored pencils, Crayons
Paintbrush	1	
Disposable plate	1	
Newspaper	1 large sheet	Something to protect painting area
Coloring Materials	Various	





Wednesday

Item	Quantity	Substitution
Copy Paper	1 sheet	
Cardstock	1 sheet	Heavier paper- Drawing paper, construction paper, poster board, scrapbook paper
Safety Scissors	1	
Liquid Glue	1	Glue Stick
Nature Materials*	Enough to fill a sheet of paper	See table below
Cotton Balls	5	Balled up paper pieces

Thursday

Item	Quantity	Substitution
Copy Paper	5 sheets	Construction Paper
Glue	1	
Safety Scissors	1	

Friday

Item	Quantity	Substitution
Recycled Materials**	Various	See table below
String	1 foot	Yarn, fishing line
Liquid glue	1 bottle	
Safety Scissors	1	
Glass Jar	1- 32 oz or larger	
Dark Sharpie	1	
Paper	2 sheets	
Coloring Materials	Various	

***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





****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
Empty paper towel tubes	Empty toilet paper tubes	Cereal/Cracker boxes
Newspaper	Plastic Utensils	Wooden chopsticks
Old electronics	Magazines	Old books
Hardware (nuts, bolts, washers)		

