



Monday – Nature’s Blueprint: Welcome to Camp! Can you be clever enough to camouflage your very own animal? Discover how some predators use mimicry to confound their prey.

Tuesday – Land, Water and Air: It’s all about superpowers! Use your STEM skills and get inspired by the powers of the Sun, wind, plants and insects to create diverse technology from solar trees to windmills.

Wednesday – Survival Adaptions: Have you thought about nature’s innate engineering skills? Flying seeds and beaver dams... Oh My! Today is all about engineering for nature.

Thursday – What a Relief: Let’s go green! Become an environmental scientist and help clean water, design green rooftops, and learn about the 3R’s to reduce trash.

Friday – Healthy Planet: We are Earth Heroes! It’s our responsibility to keep a healthy planet for ourselves and for the future. As environmental educators, we will learn about pollution and create an AR Nature experience.

Monday

| Item | Quantity | Substitution |
|--------------------|-----------|------------------------------|
| Coloring materials | Various | Crayons, markers |
| Paper | 10 sheets | |
| Plush | 1 | Toy (6 inches tall) |
| Clothespins | 1 | |
| Fork | 1 | |
| Spoon | 1 | |
| Chopsticks | 1 pair | |
| Dropper | 1 | Turkey baster, Squirt bottle |
| Bowls | 4 | |
| Dry chickpeas | 10 | Dry beans (different sizes) |
| Uncooked rice | 1 tsp | |
| Sand | 1 tsp | |
| Paper plates | 3 | Construction paper |
| Pipe cleaner | 1 | Wire, twist ties |
| Pom poms | 10 | |
| Stapler | 1 | White glue |
| Newspaper | 20 sheets | Construction paper |
| Clear Tape | 1 | Scotch tape, masking tape |
| Scissors | 1 | |





Tuesday

| Item | Quantity | Substitution |
|-----------------------------|--------------------|---------------------------|
| Wide Plastic Bowl | 1 | Bucket |
| Clean Glass Jar | 1 | Glass bottle |
| Salt | 1/4 cup | |
| Rock | 1 | |
| Plastic wrap | 12" x 12" sheet | |
| Disposable cup 16 oz | 1 | Paper or Styrofoam cup |
| Disposable cup 8oz | 1 | Paper or Styrofoam cup |
| Rubber bands | 3 | |
| Scissors | 1 | |
| Cardstock | 1 sheet | Construction paper |
| Tape | 1 roll | Scotch tape, masking tape |
| Large straw | 1 | Smoothie straw |
| Small straw | 1 | Bendy straw |
| Hole puncher | 1 | |
| String | 24" long | Yarn, balloon ribbon |
| Fan | 1 | |
| Marbles | 10 | Pennies or other coins |
| Ziploc bag | 1 | Sandwich, quart or gallon |
| Sharpie | 1 | |
| Blue food coloring | 1 | |
| Dirt | 1/2 cup | Sand, salt |
| Construction paper | 10 - 20 | |
| Index card (3"x4" or 4"x6") | 10 - 20 | Cereal box cardboard |
| Aluminum foil | 2 - 12"x12" sheets | |
| Ruler | 1 | |
| Pipe cleaners | 5-10 | Wire ties |





Wednesday

| Item | Quantity | Substitution |
|----------------------------|-------------------|-------------------------------|
| Pencil | 1 | Marker, crayon |
| Copy paper | 8 sheets | |
| Nature Materials* | Various | See list below for ideas |
| Aluminum Foil pan (9"x13") | 1 | Big flat bowl |
| Water | 3 cups | |
| Balloons | 3 (various sizes) | |
| Straws | 6 | |
| Construction paper | 8 sheets | |
| Cardboard box | 1 (medium size) | 2 cereal boxes |
| Tape | 1 roll | Masking tape, duct tape |
| Paint | 1 – 2 colors | Acrylic or oil based |
| Index card | 2 | |
| Aluminum foil | 2 12"x12" sheet | |
| Coffee filter | 1 | |
| Large dry bean | 3 | Chickpea, red bean, lima bean |
| Wax paper | 2 12"x12" sheets | |
| String | 1 spool | Yarn |
| Scissors | 1 | |

Thursday

| Item | Quantity | Substitution |
|-------------------------|------------------|-------------------------------|
| Coloring materials | Various | Crayons, pencils, markers |
| Pencil | 1 | |
| Large paper plates | 2 | Construction paper, cardstock |
| Clear contact-paper | 2 12"x12" sheets | Plastic wrap |
| Leaves and flowers | Various | |
| Tape | 1 roll | Clear tape, scotch tape |
| Clear plastic cups 16oz | 1 | |
| Clear plastic cup 12 oz | 1 | |
| Scissors | 1 | |
| Cotton balls | 20 | |
| Coffee filters | 5 | |
| Sand | 1 cup | Aquarium gravel |
| Towel | 12"x12" | Old t-shirt |
| Paper towel | 2-3 sheets | |
| Water | 2 cups | |
| Dirt | 1/2 | Coffee grounds |
| Construction paper | 10 sheets | Origami paper |
| Copy paper | 10 sheets | |
| Ruler | 1 | |
| Measuring tape | 1 | |
| Natural materials* | Various | See list below for ideas |





Friday

| Item | Quantity | Substitution |
|-----------------------|--------------------------|-----------------------------------|
| Model magic | 8 oz | Play dough |
| Toothpicks | 1 box | |
| Craft sticks | 15 | |
| Pipe cleaners | 10 | Wire wrap |
| Paper clips | 20 | |
| Tape | 1 roll | Clear, scotch or masking tape |
| Construction paper | 10 sheets | |
| Recycled materials** | Various | See list below for ideas |
| Copy paper | 10 sheets | |
| Coloring materials | Various | Crayons, pencils, markers |
| Cardboard sheets | 3 12"x12" | Cereal box, jumbo index cards |
| String | 1 spool | Yarn |
| Rubber bands | 10 | |
| Cardboard tubes | 5 - 10 | Paper towel or toilet paper tubes |
| Smartphone or tablet | 1 | |
| Metaverse free app | For smartphone or tablet | |
| Paper cups 5oz – 10oz | 5 – 10 | |
| Empty shoe box | 1 | Medium sized cardboard box |
| Scissors | 1 | |
| Ruler | 1 | |

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

