



**Monday – Backyard Ecosystem:** Today we will study a Florida ecosystem close to home, our backyard! Learn about the different parts of your yard and engineer items to make it better!

**Tuesday – Wild Critters:** Florida is rich in biodiversity! Today we'll examine native species adaptations and learn how a common invasive animal impacts the Florida ecosystem.

**Wednesday – Conservation:** Today we discuss conservation and human impacts on nature. Discover how important water is for Florida and ways you can advocate for the environment!

**Thursday – Budding Botanist:** It's not easy being green! Investigate the different processes that plants complete every day before getting tips on how to plant things from your own fridge!

**Friday – Oceans:** Dive into learning all about the diverse life found in coral reefs! Take a virtual tour of the Dry Tortugas before putting your creativity to the test as you make a reef in your own home.

### Monday

Item	Quantity	Substitution
String	6 ft	Twine
Glue	1	Duct tape
Skewers	2	Long sticks, straws
Plastic plate	1	
Plastic cup	4	
Aluminum can	1	
Acrylic paint	Various	Tempura paint
Paint brush	1	
Hole puncher	1	
Tape	1 roll	Any type
Lemon Juice	1.5 cups	
1/2 cup measure	1	
Glass jar	1	
Hanger	1	Hook
Hole punch	1	
Scissors	1	
Recycled Materials*	various	See table below for ideas





**Tuesday**

Item	Quantity	Substitution
Flour	1 ½ cups	
Salt	½ cup	
Oil	1 tablespoon	
Microwaveable cup	1	
Medium mixing bowl	1	Large bowl
Mixing spoon	1	Fork, mixing utensils
Water	½ cup	
Wax paper	8.5" x 11"	Parchment paper
Chopstick	1	Stick, pencil, paint brush
Twist ties	6	Pipe cleaners
Baking pan	1	Shallow bowl, deep plate
Waterproof toys	3-4	
Scissors	1	
Construction paper	7-9 pages	Printer paper, notebook paper
Glue stick	1	tape
Coloring materials	various	
Plastic cup	1	Any cup that can be thoroughly washed
Plastic spoon	1	Any spoon that can be thoroughly washed
Plastic wrap	12"x12" square	
Dish soap	3-5 drops	
Liquid Glue	1 tablespoon	
Paint brush	1	Sponge brush

**Wednesday**

Item	Quantity	Substitution
Copy Paper	3	
Red, Brown, Black, and Blue markers	1 of each marker	
Spray bottle	1	
Baking sheet	1	Large plate, platter
Water		
Plastic cup	2	Thin plastic water bottle
Thumb tack	1	
Coffee Filter	1	Cheese cloth
Scissors	1	
Recycled Materials*	various	See table below for ideas
Paint	various	makers
Paint brush	1	
Duct tape	2 feet	Packing tape
Coloring materials	various	





### Thursday

Item	Quantity	Substitution
Flashlight		
Leaves	3	
Coffee filter	1	
Scissors	1	
Lemon juice	1/8 cup	Orange juice
Water	1/8 cup	
Plastic cups	3	
Pencil	1	
Coin	1	Washer
Ruler	1	
Paper bags	5-7	Brown Construction paper
Rubber bands	20	
Scissors		
Sandwich size plastic bags	2	Larger zip top bag
Twist ties	2	Pipe cleaners
Flower from outside	1	Purchased flower
Tweezers	1	
Toothpick	1	Sharp pencil

### Friday

Item	Quantity	Substitution
Aluminum foil	8.5" x 11"	
Tape	1 roll	
Wax paper	6" x 6"	Parchment paper
Ruler	1	
Scissors	1	
Baking pan	1	Large bowl
Water		
Skewer	1	Chopstick, twig
Salt	9 tablespoons	
1 tablespoon measure		
Cups	4	bowls
Egg	1	Waterproof object
Index cards	4	Scrap paper
Spoon	1	
Construction paper	5-10 sheets	
Tissue paper	1-2 feet square	
Tape	1 roll	
Glue	1	Stick or liquid glue
Coloring materials	various	
Copy paper	2 sheets	





**\*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

