**Lesson 1: Weather Science**

**Rain Gauge** - Measures the inches of rainfall.

*To make a rain gauge:*
Cut off the top of a bottle to use as a funnel. Use a ruler to mark measurements on the side of your bottle.

**Weather Vane** - Measures wind direction.

*To make a weather vane:*
Tape a paper cup and plate together to use as a base. Make a pointer by cutting a slit at the end of a drinking straw and attaching a square on one end and a triangle on the other end. Attach the base to the pointer using a pencil and a paperclip.

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**Habitat Crossword Puzzle**

**Word Bank**
- habitat
- organism
- species
- savanna
- endangered
- desert
- identification
- marsh
- coral reef

**Down:**
1. an individual animal, plant, or single-celled life form
2. different types of living organisms
3. a place where the needs of plants and animals are met
4. a plant or animal that is going extinct or disappearing from the earth
5. a habitat with grasses, trees, shrubs, and is home to large herds of animals

**Across:**
6. to classify something or learn about it
7. a habitat found in the sea in the tropics and subtropics
8. an area with low level of water and grassy plants
9. a habitat that is hot and dry during the day and cooler at night

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**Lesson 2: Science**

**Rain Gauge**
- Measures the inches of rainfall.

*To make a rain gauge:*
Cut off the top of a bottle to use as a funnel. Use a ruler to mark measurements on the side of your bottle.

**Weather Vane**
- Measures wind direction.

*To make a weather vane:*
Tape a paper cup and plate together to use as a base. Make a pointer by cutting a slit at the end of a drinking straw and attaching a square on one end and a triangle on the other end. Attach the base to the pointer using a pencil and a paperclip.
Lesson #2: Food Chain Frenzy

Make your own food chain including: Producer, Primary Consumer, Secondary Consumer, Final Consumer & Decomposer

A food chain shows the transfer of energy within an ecosystem

1. PRIMARY CONSUMER (herbivore)
2. DECOMPOSER (fungi)
3. PRODUCER (plant)
4. ENERGY (sun)
5. SECONDARY CONSUMER (carnivore)

Match each vocab word with the photo on the food chain!

1. PRIMARY CONSUMER
2. DECOMPOSER
3. PRODUCER
4. ENERGY
5. SECONDARY CONSUMER
Lesson #3: Species Survey

Go on a walk and observe and draw the habitats around you:

1. What evidence did you find of other animals?

2. What kind of food may the animals find in this habitat?

3. Where do these animals get water?

4. What kind of shelter might animals find in this habitat?

Weather Log

<table>
<thead>
<tr>
<th>Date</th>
<th>Temperature (°F)</th>
<th>Rain Fall (inches)</th>
<th>Wind Direction (north/east west/south)</th>
</tr>
</thead>
<tbody>
<tr>
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