

Young Leaders Week 10 Lesson Plan Reptiles & Amphibians

Monday: Memorial Day-no classes

Tuesday: - Crafts - Terrific Turtles (reptile)

- Objectives: foster creativity, fine motor skills
- Materials: construction paper-blue, green, and yellow, glue, scissors, craft stick, marker
- Procedures:
 1. Cut turtle colors into strips
 2. Draw and then cut your legs, head, and tail
 3. Decide how big you would like your turtle to be - one strip of paper = small - two strips of paper = big
 4. Trace your circle (turtle's body) onto your blue paper
 5. Glue your head, legs, and tail to the edge of the circle
 6. Then glue your circle (turtle's body) to the blue paper - on top of the other body parts
 7. Pour glue into a shallow dish
 8. Let's begin Quilling... take your strips of paper and wrap them around your craft stick
 9. Hold it tight and then slip it off the end and then dip the edge into the glue
 10. Place the piece into the shell
 11. Continue steps 8-10 until you fill your shell
 12. Decorate turtle with markers or googly eyes
 13. Trim the edge of the blue paper to create a pond

Wednesday: - Show n' Share

- Objectives: learn to decipher between items of value, express oneself about feelings and memories, build on student's vocabulary
- Materials: Items from home
- Procedure:
 1. Search your home or yard for meaningful objects
 2. Bring one of those objects to class to share

Thursday: - Science - Freezing Frogs and Crocodile Tears

- Objectives: learn about adaptation in animals (mammals/amphibians/reptiles), discover interesting facts about reptile and amphibian habitats, build on student's scientific vocabulary
- Materials: 2 small plastic containers w/lids, water, syrup, bowl, 3 clear cups, water, salt, food coloring, ice, measuring cup, tablespoon, and masking tape
- Procedure:

Freezing Frogs:

Day 1 -

 1. Take a piece of masking tape and mark each small plastic container

2. Fill one plastic container with water (until the tape) and Fill the second container with syrup (until the tape line)
3. Place lid on containers and place in freezer and... WAIT! Don't open for at least 24 hours.

Day 2 -

1. Carefully open the water container over your bowl... once open turn it upside-down and then poke the hard ice
2. Examine the ice - what happened
3. Discuss
4. Now carefully open the container of syrup and turn it upside-down - did it freeze
5. Discuss

Crocodile Tears:

1. Fill each cup with about 1 cup of water
2. Dissolve 1-2 TBS of salt in TWO of the cups (ocean water)
3. Carefully drip food coloring into the 3rd cup (fresh water)... watch what happens
4. Now carefully drip food coloring into ONE of the saltwater cups... watch what happens and discuss the differences
5. Place an ice cube in the 2nd cup of salt water...wait about 5 minutes - Make sure to NOT bump the cup
6. Notice what has started to occur while the ice melts... did a puddle form?
7. Squeeze a drop of food coloring into the salt/fresh (brackish) water... what happened?
8. Discuss how crocodiles can live in both salt and fresh water

Friday: - Cooking - Alligator Pie (reptile)

- Objectives: equipping students with knowledge of kitchen utensils and equipment, introducing students to kitchen/cooking safety, allow for opportunities for students to be creative
- Materials: vanilla pudding, green food coloring, almonds (teeth), chocolate chips/raisins/blueberries (eyes), baking dish, bowl, spoon, milk, measuring cup, graham crackers
- Procedures:
 1. Pour pudding into bowl
 2. Measure milk or water and pour into bowl of pudding and stir
 3. Add 2-3 drops of food coloring to pudding and stir
 4. Place the graham crackers on the bottom of the pie dish
 5. Gently scoop pudding into baking dish (pie pan)
 6. Now create your alligator: add the almonds for the teeth. Then add the chocolate chips for the eyes.