

Week 4 SERIES 1500

LEARNING GOALS

- Reading words with special endings
- Describing an experience in writing
- Observe and describe living animals, plants, basic needs, and lifecycles
- Theme related creative expression
- Describing and comparing items by number, size, shape, texture, color, and motion.
- To create and use images to organize, record, and communicate mathematical ideas
- Demonstrating rhythmic movements, timing, and following a beat
- Exploration of sound
- Understanding the importance of conservation

DAILY SCHEDULE

Morning Routine

(Brush teeth, get dressed, breakfast, etc.)

Curriculum Activity

Snack

Independent Play

Brain Waves

Lunch

Quiet Time

Curriculum Activity

Outdoor Play

Evening Routine

MATERIALS NEEDED

- cardstock, index cards, and paper
- crayons, markers, and pencils
- decorative items (ex: stickers and glitter)
- internet access
- digital camera or smart phone
- ingredients for Worms and Dirt snack
- music
- paper plates
- paper towel roll
- pictures: tropical and polar animals (included as "Teaching Tool")
- rice
- scissors/glue/tape
- recycling bin (bag, small box)
- construction paper (black, blue, red, yellow, green, or substitute any colors)
- *optional*: globe, website:
www.kids.nationalgeographic.com

CURRICULUM SCHEDULE

MONDAY

Language/Literacy: *Graphing Raindrops*

Creative Exploration: *Going Batty*

STEAM Ahead: *Construct a Habitat*

TUESDAY

Math: *Reading an Animal Graph*

Music/Movement: *Dancing Keywords/Phrases*

STEAM Ahead: *Construct a Habitat*

WEDNESDAY

Science: *Worms and Dirt*

Cognitive Exploration: *If I Were a Frog*

STEAM Ahead: *Construct a Habitat*

THURSDAY

Language/Literacy: *Animals of the Tropics*

Dramatic Play: *Paper Toucan Beak*

STEAM Ahead: *Construct a Habitat*

FRIDAY

Social Studies: *Saving the Rainforest*

Sensory Activity: *Rain Stick*

STEAM Ahead: *Construct a Habitat*

Language Exploration

Graphing Raindrops

Learning Goal: Reading words with special endings (-s, -es, -ed, -ing)

Materials: cardstock (or paper plates), index cards (or paper cut into 3x5 pieces), pencils

Preparation: From cardstock, cut out umbrella shapes. On individual umbrellas, write “s,” “es,” “ed,” “ing.” On index cards, write simple words that can end with any of the above suffixes. Place umbrella shapes on the floor in a row.

Instructions:

1. Engage in a discussion about the weather in the rainforest.
2. Explain the weather stays very rainy and warm all year round. There are no seasons in the rainforest.
3. Discuss suffixes (a letter or group of letters added to the end of a word to form another word).
4. Review each word on index cards, say each word aloud, and place word (umbrella) under a suffix that can be used with that word. (Verbs could be used with “ed” or “ing.”)
5. Encourage your child to say the new words aloud.

Creative Exploration

Going Batty

Learning Goal: Theme-related creative expression

Materials: paper, glue, paper plates, scissors, crayons (or markers)

Instructions:

1. Encourage your child to draw two wings out of one paper plate. Glue wings onto the bat.
2. Drawing bat wing curves down the middle of one plate; then cut into two wings.
3. Allow child to color bat wings.
4. Have child draw the face and body on the second paper plate.
5. Glue the wings to the bat!



Paper Plate Bats-Crafts on the Sea
Craftsonthesea.co.uk

Math Exploration

Reading an Animal Graph

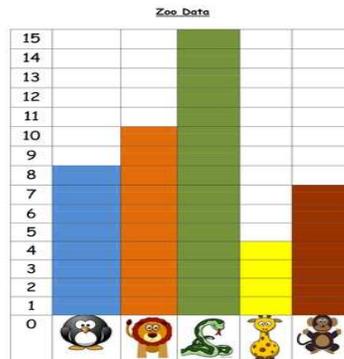
Learning Goal: To create and use images to organize, record, and communicate mathematical ideas

Materials: paper, marker

Preparation: Create four (4) bar graphs using rainforest animals and fictional (silly) information. (Ex: Which animals like vanilla ice cream the most?)

Instructions:

1. Engage your child in discussion about graphs. Remind them they will learn about 4 types of graphs (bar, line, pie, and picture).
2. Show examples of bar graphs (involving a series of horizontal or vertical bars representing data).
3. Show your child how to read a bar graph.
4. As you introduce each graph, ask questions relating to the information from the graph.



www.tes.com

Music and Movement

Dancing Keyword

Learning Goal: Demonstrating rhythmic movements, timing, and following a beat

Materials: music

Preparation: Find a good dance song with a repetitive word or phrase (Ex: The Catchy Song from Lego Movie 2, Everything Is Awesome from Lego Movie)

Instructions:

Have your child assign a dance move to a repetitive word or phrase in a song.



Science Exploration

Worms and Dirt

Learning Goal: Describe and compare items in terms of number, size, shape, texture, color, and motion

Materials: bowl, *chocolate pudding (pre-made), *chocolate sandwich cookies, cups, gummy worms, spoons

Preparation: Crush sandwich cookies and place in a large bowl.

Instructions:

1. Begin by washing hands.
2. Discuss insects found in the rainforest. Read each worm fact aloud.
3. Explain that although worms are small, they live on the forest floor below the dirt.
4. Provide cup, spoon, worms, and “dirt” (cookie crumbs).
5. Encourage your child to build worms in dirt! Enjoy!
6. Use open-ended questions:
 - a. What kind of worms?
 - b. What does it feel like?
 - c. Where would your worms live?

*Substitute other flavored cookies and pudding or yogurt. If worms are not available, fruit leather can be cut into long strips.

Cognitive Exploration

If I Were a Frog

Learning Goal: Describe an experience in writing

Materials: crayons, paper, markers, pencils

Preparation: Review rainforest animals.

Instructions:

1. Discuss frogs in the rainforest.
2. Allow your child to answer some or all of these questions by writing and drawing responses:
 - a. Where do they live?
 - b. What do they eat?
 - c. What do they sit on?
 - d. What sounds do they make?



Britannica.com

Language and Literacy

Animals of the Tropics

Learning Goal: Observe and describe living animals and plants, basic needs, lifecycles

Materials: pictures of tropical and polar animals (included in packet), optional: globe, internet access, website:

www.kids.nationalgeographic.com

Preparation: Explain camouflage: how plants and animals have evolved to blend in with surroundings for survival.

Instructions:

1. Talk about the word camouflage. Point out the beginning letter “c” and the letter sound. Ask your child to identify any letters he or she can and say the letter sounds together.
2. Talk about the tropical region of the earth as compared to the polar region. Ask your child if he or she thinks the same kind animals live in each region. Talk about how animals adapt to their environments in order to survive.
3. Show the picture of the Praying Mantis. Ask your child to name the color it is. Talk about how it blends in with the leaves. Help your child describe the characteristics of the other animals and their characteristics.



Dramatic Play

Paper Toucan Beak

Learning Goal: Use dramatic play to express creativity

Materials: scissors, glue/tape, construction paper (black, blue, red, yellow, green, or substitute any colors)

Instructions:

Toucans are tropical birds known for their large colorful beaks.

1. Help your child start by cutting two long black rectangles.
2. Cut a curve at one end in the shape of the beak’s tip.
3. Tear shapes from the construction paper and decorate the beak.
4. Glue or tape the two sides together, leave large end open, stuff with paper to make it 3D, and invent a strap to wear the beak. Make more than one and play together!
5. Act out stories of how to fly, how to take care of baby toucans, and what fruit to eat!
6. See toucan facts here:
<http://www.sciencekids.co.nz/sciencefacts/animals/toucan.html>
<https://animalfactguide.com/animal-facts/toco-toucan/>



Social Studies Exploration

Saving the Rainforest

Learning Goal: Understand and demonstrate the meaning of conservation, equality, tolerance, perseverance, and commitment

Materials: writing/drawing materials, paper, recycling bins (bags, small boxes)

Instructions:

1. Talk about the importance of rainforests - very thick, warm, wet forests that have large amounts of rain and generate much of the earth's oxygen.
2. There are different layers of the forest that provide the habitats for many animals, insects, and plants.
3. Many household items are produced from rainforest resources.
4. Help your child create a recyclable area in your home.
5. List what you will recycle. Have your child to draw a picture next to the items listed.
6. Have your child help teach others in the family about where items will be placed for recycling.

More rainforest information here:

<http://www.primaryhomeworkhelp.co.uk/rainforest.html>

Sensory Exploration

Rain stick

Learning Goal: Exploration of sound

Materials: paper towel roll, rice, decorative items (ex: stickers and glitter), duct tape

Instructions:

1. Decorate your paper towel tube with decorative items (ex: stickers and glitter).
2. Fold in one end of the roll.
3. Add a cup of rice to the cylinder.
4. Fold other end of tube and secure with tape.
5. Shake the rain stick gently back and forth and listen to the sounds.



Construct a Habitat

Engineering Connection

Objective for Development and Learning: Demonstrates knowledge of Earth's environment

Rationale: Understanding the characteristics of a habitat can help us learn about the environment and animals that live there. By constructing habitats, animals can be helped when needed as well as supporting endangered species.

Materials and Directions:

- animals (plastic or stuffed) or pictures of animals that live in different habitats
 - computer, or tablet with Internet access
 - globe or map
 - habitat items such as ice, grass, leaves, plants, rocks, sand, soil (non-fertilized), sticks, twigs, water
 - paper
 - pencils
1. Go to <https://www.worldwildlife.org/habitats> or http://www.skyanimals.com/browse_habitat.cgi for habitats and animals that live in them.
 2. Observe various habitats.
 3. Have your child describe different habitats and determine which habitat(s) he/she wants to construct.

TEACHING TOOL – PICTURES FOR THE ANIMALS OF THE TROPICS ACTIVITY



Skyenimals

Letter 'B' Animals Word Search

F M L B T O B U Y D
B P P U E A G L M R
E Q M J B A F N H I
E T B O A R V S O B
T M O R E V O E G B
L N A T X O Y T R R
E E T B U Z Z A R D
B U P B U O B M S E
B O P L A S E T R Q
N O S I B T E J O G

BABOON

BAT

BEAR

BEAVER

BEE

BEETLE

BIRD

BISON

BOAR

BONGO

BUTTERFLY

BUZZARD

<http://www.skyenimals.com/>