Orange County Department of Education

Preschool GLAD®

Rainforest Theme

CABE Conference 2018
Rainforest Theme

IDEA PAGES

I. THEME – UNDERSTANDING
   • Names animals and plants that live in the rainforest
   • Compares and contrasts animals, plant life, and resources in the rainforest
   • Explains how the rainforest helps our world

II. FOCUS/MOTIVATION
   • Big Book – *Ecologist, Ecologist, What Do You See, The Important Thing About the Rainforest, Did You Know About the Rain Forest?, Did You Know About Sloths?*
   • Inquiry Charts
   • Observation Charts
   • Picture Dictionary
   • Songs and Chants
   • Three standards with “Ecologist” Take Home Cards

III. CLOSURE/EVALUATION
   • Student Made Books
   • Class Book
   • Class Mural

IV. CONCEPTS/CONTENT
   • The rainforest provides people with resources
   • Specific animals live in the jungle
   • Specific environments are created according to different plants and climates.

V. VOCABULARY

<table>
<thead>
<tr>
<th>monkey</th>
<th>soil</th>
<th>waterfall</th>
<th>plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>stem</td>
<td>minerals</td>
<td>roots</td>
<td>leaves</td>
</tr>
<tr>
<td>seasons</td>
<td>toucan</td>
<td>moss</td>
<td>algae</td>
</tr>
<tr>
<td>seeds</td>
<td>rain</td>
<td>sloth</td>
<td>ecosystem</td>
</tr>
<tr>
<td>moisture</td>
<td>climate</td>
<td>weeds</td>
<td>humid</td>
</tr>
<tr>
<td>trees</td>
<td>sunlight</td>
<td>layers</td>
<td>flowers</td>
</tr>
<tr>
<td>frog</td>
<td>macaw</td>
<td>jaguar</td>
<td>clinging</td>
</tr>
<tr>
<td>claw</td>
<td>species</td>
<td>surface</td>
<td>ecologist</td>
</tr>
<tr>
<td>feathers</td>
<td>slippery</td>
<td>rustle</td>
<td>extinct</td>
</tr>
<tr>
<td>habitat</td>
<td>camouflage</td>
<td>herbivore</td>
<td>carnivore</td>
</tr>
<tr>
<td>nocturnal</td>
<td>environment</td>
<td>umbrella</td>
<td>cinnamon</td>
</tr>
</tbody>
</table>
VI. RESOURCES/MATERIALS

Centers

<table>
<thead>
<tr>
<th>Center</th>
<th>Activity</th>
<th>Materials to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretend and Learn</td>
<td>Change area to ecologist office/tent</td>
<td>- pencils</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- clip boards</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- hats</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- sun glasses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- binoculars</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- pictures</td>
</tr>
<tr>
<td>Sand and Water Table</td>
<td>Sensory experience</td>
<td>- soil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- water</td>
</tr>
<tr>
<td>Math Center</td>
<td>Comparing/Classifying</td>
<td>- frog counters</td>
</tr>
<tr>
<td></td>
<td>Sorting animals</td>
<td>- bug sort</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- counting mats</td>
</tr>
<tr>
<td>Science Center</td>
<td>Observing and Exploring with</td>
<td>- magnifying glasses</td>
</tr>
<tr>
<td></td>
<td>rainforest resources</td>
<td>- various materials: cinnamon, cocoa,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pineapple, mangos, bananas, bugs,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rocks, plants</td>
</tr>
<tr>
<td>Library Research Center</td>
<td>Read about the rainforest</td>
<td>- books</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- picture file cards</td>
</tr>
<tr>
<td>Writing Center</td>
<td>Write about experiences</td>
<td>- rainforest journals</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- pencils, crayons</td>
</tr>
<tr>
<td>Construction Zone</td>
<td>Pitching a tent</td>
<td>- cloth</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- blocks</td>
</tr>
<tr>
<td>Creation Station (art center)</td>
<td>Draw/Create your own animal</td>
<td>- Playdough</td>
</tr>
<tr>
<td></td>
<td>Animal stamping</td>
<td>- crayons</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- white glue</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- stamps and ink pads</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- paper</td>
</tr>
</tbody>
</table>

Books, Songs, and Fingerplays
- Books
  - A is for Anaconda: A Rainforest Alphabet, Anthony D. Fredericks & Laura Regan
  - A Rainforest Habitat, Molly Aloian & Bobbie Kalman
  - At Home in the Rainforest, Diane Willow & Laura Jacques
  - A Walk in the Rainforest, Kristin Joy Pratt
  - How Monkeys Make Chocolate: Unlocking the Mysteries of the Rainforest, Adrian Forsyth
- *If I Ran the Rainforest: All about Tropical Rain Forests*, Bonnie Worth & Aristedes Ruiz
- *Nature's Green Umbrella*, Gail Gibbons
- *Over in the Jungle: A Rainforest Rhyme*, Marianne Berkes & Jeanette Canyon
- *Rainforest Colors*, Susan Canizares
- *Rainforest*, Helen Cowcher
- *Slowly, Slowly Said The Sloth*, Eric Carle
- *The Great Kapok Tree: A Tale of the Amazon Rain Forest*, Lynne Cherry
- *The Rainforest Grew All Around*, Susan K. Mitchell & Connie McLennan
- *The Umbrella*, Jan Brett
- *Tropical Rain Forest*, Donald Silver

- **Songs & Chants**
  - "Ecologist Song"
  - "Animals in the Rainforest"
  - "I'm a Little Sloth"
  - "The Animals are Here Today"
  - "We've Got Animals in the Rainforest"
  - "Where are the Rainforest Animals?"
  - "Yes Ma'am"
  - "The Jaguar Yes Ma'am"
  - "The Lifecycle of a Frog"
  - "Ecologist Bugaloo"
  - "Take Me Out to the Rainforest"
  - "If I Were an Ecologist"
  - "Tell Me the First Sound That You Hear" Chant
  - "If You Think You Know My Name, Shout It Out" Chant
  - "Rainforest Sound Off" Chant
The Rainforest

DEMO LESSON PLAN – DAY ONE
Sequence of Instructional Blocks is dependent upon classroom schedule (i.e. recess, snack).

FOCUS/MOTIVATION
- Morning Message: “Hello class, I am _________. This week we are going to learn about the rainforest.”
- Standards
- Super Scientist Take Home Cards – Sloth

GUIDED ORAL PRACTICE
- T-Graph for Social Skills: cooperation
- Songs:
  “(Child’s name) is here today.”
  “Ecologist Song”
  “I'm a Little Sloth”
  "If I Were An Ecologist"
- Picture Dictionary: “Ecologist”
- Big Book: “Ecologist, Ecologist, What Do You See?”

INPUT
- Single Pictorial: Sloth
- Whole group review: Sloth
- Read: “Do You Know About Sloths?”
- Learning Log: “What do you know about the sloth?”

READING/Writing CHOICE
- Introduce items added to centers
  Dramatic Play: “Ecologist Office”
  Sand and Water: Dirt, plants
  Science Center: Magnifying Glasses and Objects
  Writing Center: Rainforest Journals
  Library Books: Rainforest books and Picture File Cards

FOCUS AND MOTIVATION
- Small groups:
  1. Observation charts
  2. Inquiry chart
  3. Revisit Pictorial (Small Group Scaffold)

INPUT
- Review: Sloth
- Process Grid: Sloth
READING/WRITING CHOICE
CLOSURE

• Read Aloud – Revisit Big Book: “Ecologist, Ecologist, What Do You See?”
The Rainforest

DEMO LESSON PLAN– DAY TWO
Sequence of Instructional Blocks is dependent upon classroom schedule (i.e. recess, snack).

FOCUS/MOTIVATION
- Morning Message “Good Morning, ecologists. Today we are going to study more about the rainforest.”

GUIDED ORAL PRACTICE
- Songs:
  “The (rainforest animal) is here today”
  “Ecologist Bugaloo”
- Picture Dictionary - “frog”
- Big Book: “Do You Know About the Rainforest?”

INPUT
- Graphic Organizer: Rainforest layers
- Review pictorial with pictures
- Song: “We’ve Got Animals In the Rainforest” with layers
- Song "Take Me Out to the Rainforest”

GUIDED ORAL PRACTICE/READING/Writing CHOICE
- Introduce items added to centers
  Math/Manipulative Center:
  - Frog Sorting Activity
  - Bug Sorting Game
- Small groups
  1. Picture file card sort (Farm Animals/Rain Forest Animals)
  2. Review pictorial and add color to the pictorial
  3. Phonological Awareness - “If you think you know my name shout it out,” “Tell me the first sound that you hear.”

INPUT
- Narrative Input Chart: Ant Looks for His Mother - Variation of Are You My Mother?

GUIDED ORAL PRACTICE/EMERGENT READING/Writing
- Learning Log: Favorite Rainforest Animal
- Phonological Awareness- “If you think you know my name, shout it out”

CLOSURE
- Read Aloud - Rainforest Book
- Chant/Song review
- Home School Connection
RAINFOREST UNIT

Charts needed:
- Sloth Pictorial
- Jaguar Pictorial

- Jaguar

Brownish-yellow fur with black doughnut-shaped spots

Fur is orange and black to blend into plants and trees

Long tail, lower part has black ring

Whiskers

Understory layer

Long, retractable claws

Runs

Fish

Food from land and water

Monkeys, mice, frogs
• Rainforest Pictorial
• Inquiry Chart

<table>
<thead>
<tr>
<th>What do you know about the rainforest?</th>
<th>What do you wonder about the rainforest?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

• T-Graph – cooperation

<table>
<thead>
<tr>
<th>cooperation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Looks like</th>
<th>Sounds like</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Picture Dictionary**

| ecologist | frog | umbrella | cinnamon |

*Words are here as reminders for you – on actual chart you write the words with the children.*

**Process Grid**

<table>
<thead>
<tr>
<th>Animal</th>
<th>Rainforest Layer</th>
<th>Camouflage</th>
<th>Food</th>
<th>Movement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Picture File Card Sort**

<table>
<thead>
<tr>
<th>Animals</th>
<th>Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Process Grid – completed sample

<table>
<thead>
<tr>
<th>Animal</th>
<th>Rainforest Layer</th>
<th>Camouflage</th>
<th>Food</th>
<th>Movement</th>
</tr>
</thead>
<tbody>
<tr>
<td>sloth</td>
<td>canopy</td>
<td>grey green algae grows on fur to hide in trees</td>
<td>fruit, leaves,</td>
<td>climb</td>
</tr>
<tr>
<td>leaf cutting ant</td>
<td>forest floor</td>
<td>grown to blend into ground</td>
<td>leaves</td>
<td>crawl</td>
</tr>
<tr>
<td>jaguar</td>
<td>understory</td>
<td>orange and black to blend into plants and trees</td>
<td>monkeys, mice</td>
<td>run</td>
</tr>
<tr>
<td>toucan</td>
<td>canopy</td>
<td>colorful bill blue feet black feathers</td>
<td>fruit, berries,</td>
<td>fly</td>
</tr>
<tr>
<td>poison arrow</td>
<td>understory</td>
<td>Bright colors to hide among flowers</td>
<td>ants, termites,</td>
<td>jump</td>
</tr>
<tr>
<td>frog</td>
<td></td>
<td></td>
<td>flies, beetles</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>and spiders</td>
<td></td>
</tr>
</tbody>
</table>

Remember: The words are here for your information. When you complete the Process Grid with the students, you will add picture support for everything—it will not be just words.

**Pictures for Rainforest Layers Pictorial**

**Emergent Layer**
- Butterflies
- Harpy eagle
- Macaw

**Canopy**
- Monkey
- Toucan
- Sloth

**Understory**
- Roots
- Boa
- Jaguar
- Frog

**Forest Floor**
- Leaf cutter ant
- Worms
- Beetles
- Tapir
SONGS AND CHANTS

The Animals are Here Today
(Tune: "The Farmer in the Dell")

The frog is here today. The frog is here today.
    Everyone jump up and down,
    The frog is here today.

The monkey is here today. The monkey is here today.
    Everyone swing side to side,
    The monkey is here today.

The butterfly is here today. The butterfly is here today.
    Everyone flutter your arms
    The butterfly is here today.

The boa is here today. The boa is here today.
    Everyone slither like a snake,
    The boa is here today.

The jaguar is here today. The jaguar is here today.
    Everyone run in place,
    The jaguar is here today.

The sloth is here today. The sloth is here today.
    Everyone climb slowly,
    The sloth is here today.

I'm a Little Sloth
(Tune: "I'm a Little Teapot")

I'm a little sloth up in a tree,
    Hanging upside down so happily
Eating twigs and fruit with my claws
    I move so slow you may not see.

Look for me in rainforests, that's my home,
    I can live for years in the same tree.
When its time to sleep, my head tucks in
    I sleep for hours under a canopy.
I'm A Little Jaguar  
(Tune: "I'm a Little Teapot")

I'm a little jaguar with four paws  
Strong and powerful, four sharp claws  
When I see a (animal of prey), I hide in the vines  
I crouch down, wait........pounce!  
You are mine!

Animals of prey: tapir, mouse, fish

Ecologist Song  
(Tune: "B-I-N-G-O")

I study animals in the rainforest,  
and sloth is a favorite,  
S - L - O - T - H,  
S - L - O - T - H,  
S - L - O - T - H  
and sloth is a favorite.

(Add other animals: Toucan, boas, ants, macaw, etc..)

I study plants in the rainforest,  
and cocoa is a favorite,  
C - O - C - O - A,  
C - O - C - O - A,  
C - O - C - O - A,  
and cocoa is a favorite.

(Add other plants: berry, liana, mango, cinnamon, etc.)
**Layers In the Rainforest**
*(Tune: "If You're Happy and You Know It")*

There are four layers in the rain forest. Four layers!
There are four layers in the rain forest. Four layers!
Forest Floor, understory, canopy, emergent
There are four layers in the rain forest.

The forest floor is dim, dark and wet. Dark and wet!
The forest floor is dim, dark and wet. Dark and wet!
Oh, the ants go marching by, As they watch the birds up high.
The forest floor is dim, dark and wet. Dark and wet!

The understory’s home to many snakes. Many snakes!
The understory’s home to many snakes. Many snakes!
They eat cats and bats and rats, And they like the gnats for snacks,
The understory’s home to many snakes. Many snakes!

The canopy is like a big umbrella. Big umbrella!
The canopy is like a big umbrella. Big umbrella!
Monkeys, sloths orangutans, eat all the fruit they can.
The canopy is like a big umbrella. Big umbrella!

The emergent’s home to birds and butterflies. Butterflies!
The emergent’s home to birds and butterflies. Butterflies!
The trees are so high that they almost touch the sky.
The emergent’s home to bird and butterflies! Butterflies!

**Rainforest Sound Off Chant**

*We just know what we’ve been told,*
The Rainforest is as good as gold
*Provides the earth with good clean air*
It rains all year, come and see
*All Four layers are very green.*
Emergent, Canopy, Understory
and don’t forget the Forest floor!
**Sound Off: Clean**
**Sound Off: Air**
1, 2, 3, 4 : Clean Air!!
We've Got Animals in the Rainforest  
(Tune: "We've Got the Whole World in Our Hands")

We've got ants and tapirs on the forest floor.  
We've got ants and tapirs on the forest floor.  
We've got ants and tapirs on the forest floor.  
We've got animals in the rainforest.

We've got jaguars and frogs in the understory.  
We've got jaguars and frogs in the understory.  
We've got jaguars and frogs in the understory.  
We've got animals in the rainforest.

We've got sloths and toucans in the canopy.  
We've got sloths and toucans in the canopy.  
We've got sloths and toucans in the canopy.  
We've got animals in the rainforest.

We've got macaws and butterflies in the emergent layer.  
We've got macaws and butterflies in the emergent layer.  
We've got macaws and butterflies in the emergent layer.  
We've got animals in the rainforest.

Take Me Out to the Rainforest  
(Tune: "Take Me Out To The Ball Game")

Take me out to the rainforest  
Take me out there right now  
Show me the forest floor and the moss.  
I hear there's frogs, boas, and bugs to cross.  
They all lay eggs in the rainforest.  
If they don't hatch, it's a shame.  
Oh, it's one, two, three eggs I see,  
And I am glad I came.
Where Are Rainforest Animals?
(Tune: "Where is Thumbkin")

Where is sloth?  Where is sloth?
Here I am. Here I am.
Grey and green, Grey and green
Climb away, climb away

Where is jaguar? Where is jaguar?
Here I am. Here I am.
Orange and Black, Orange and Black
Run away, run away

Where is toucan? Where is toucan?
Here I am. Here I am.
Colorful bill, Colorful bill
Fly away, fly away

Where is poison arrow frog?
Where is poison arrow frog?
Here I am. Here I am.
Bright and colorful, Bright and colorful
Jump away, jump away

Ecologist Bugaloo

I'm an ecologist and I'm here to say,
"I study the environment and that's okay!
Sometimes I observe, sometimes I collect.
All the habitats I protect.
Plants, trees, animals, too.
Doing the ecologist bugaloo!"
Yes, Ma'am
(Tune: "Did You Milk My Cow?"

Is this a sloth? Yes, Ma'am.
Is this a sloth? Yes, Ma'am.
How do you know? It has hooked claws!
How do you know? It has hooked claws!
Tell me more. They sleep upside down.

Is this a frog? Yes, Ma'am.
Is this a frog? Yes, Ma'am.
How do you know? It has a long, sticky tongue!
How do you know? It has a long, sticky tongue!
Tell me more. They eat termites & spiders.

Is this a jaguar? Yes, Ma'am.
Is this a jaguar? Yes, Ma'am.
How do you know? It has long, sharp teeth.
How do you know? It has long, sharp teeth.
Tell me more. They run to catch their prey

The Jaguar Yes, Ma'am
(Tune: "Did You Milk My Cow?"

Is this a jaguar? Yes, Ma'am.
Is this a jaguar? Yes, Ma'am.
How do you know? It's orange with black spots!
How do you know? It's orange with black spots!
Tell me more. It helps them hide.

Is this a jaguar? Yes, Ma'am.
Is this a jaguar? Yes, Ma'am.
How do you know? They are carnivorous!
How do you know? They are carnivorous!
Tell me more. They eat mice, monkeys and frogs.

Is this a jaguar? Yes, Ma'am.
Is this a jaguar? Yes, Ma'am.
How do you know? They live in the understory.
How do you know? They live in the understory.
Tell me more. They run to catch their prey
If I Were an Ecologist
(Tune: "Did You Ever See a Lassie?")

Oh, if I were an ecologist, an ecologist, an ecologist
Oh, if I were an ecologist, what would I do?
I would watch all the animals, the animals, the animals,
I would watch all the animals, that's what I'd do.

Oh, if I were an ecologist, an ecologist, an ecologist
Oh, if I were an ecologist, what would I do?
I would examine the dirt, the dirt, the dirt,
I would examine the dirt, that's what I'd do.

Oh, if I were an ecologist, an ecologist, an ecologist
Oh, if I were an ecologist, what would I do?
I would look at the flowers, the flowers, the flowers
I would look at the flowers, that's what I'd do.

Phonological Awareness Chants

Tell Me the First Sound that You Hear
(Tune: "The Wheels on the Bus")

Tell me the first sound that you hear,
That you hear, that you hear,
Tell me the first sound that you hear in
sloth, sloth, sloth.

(replace animal each time you sing the song)

If You Think You Know My Name,
Shout It Out

If you think you know my name, shout it out
/t/ oucan

/sl/ oth

/fr/ og

/j/ aguar

(continue with other rainforest animals)
The Most Important Thing about the Rainforest

The most important thing about the rainforest is that it helps our world. Many foods that we eat come from the rainforest. But the most important thing about the rainforest is that it helps our world.

The most important thing about the rainforest is that it helps our world. Plants in the rainforest are used to make medicine that cure, protect and heal us. But the most important thing about the rainforest is that it helps our world.

The most important thing about the rainforest is that it helps our world. The trees in the rainforest help keep our air clean. But the most important thing about the rainforest is that it helps our world.

The most important thing about the rainforest is that it helps our world. Toucans spread seeds from the fruits and berries they eat to help plants grow. But the most important thing about the rainforest is that it helps our world.

The most important thing about the rainforest is that it helps our world. Most animals and plants from the world come from the rainforest. But the most important thing about the rainforest is that it helps our world.

Do You Know About Sloths?

Do you know that sloths sleep upside down? I just thought you might like to know.

Do you know that sloths look grey-green because algae grows on their coats? I just thought you might like to know.

Do you know that sloths are herbivores that eat fruit, leaves, buds and young twigs? I just thought you might like to know.

Do you know that sloths live in the canopy layer of the rainforest? I just thought you might like to know.

Do you know that sloths are nocturnal? I just thought you might like to know.

Do you know that sloths have hooked claws to help them hang upside down? I just thought you might like to know.

Do you know that sloths' fur camouflages them? I just thought you might like to know.

Do you know that sloths carry their babies on their bellies? I just thought you might like to know.
Do You Know About the Rainforest?

Did you know that there are layers in the rainforest?
I just thought you might like to know.

Did you know that jaguars live in the understory layer of the rainforest?
I just thought you might like to know.

Did you know that spider monkeys like to spend time in the canopy layer?
I just thought you might like to know.

Did you know that toucans spit seeds to help the rainforest grow?
I just thought you might like to know.

Did you know that poison arrow frogs come in many colors in the rainforest?
I just thought you might like to know.

Did you know the rainforest provides food for us to eat?
I just thought you might like to know.

Did you know that some frogs are the size of a thumb nail?
I just thought you might like to know.

Did you know that leaf cutter ants will carry items that are many times their weight?
I just thought you might like to know.