



BIOMES COMPLETE CURRICULUM

7 UNITS 23 WEEKS

JOY
2
TEACH

ALSO INCLUDES GOOGLE SLIDES

For students who:

- are emerging or non-readers
- take alternate assessments
- are in special education
- short-attention span
- lack pre-requisite skills
- benefit from the use of pictures for support
- middle/high school



Why you need this bundle:

- If you teach multiple grade levels, you have all you need in one place.
- Having the same layout for each unit reduces students' anxiety and allows them to focus on the content.
- Aligned with most extended learning standards.
- Saves you money
- Saves you time.

This curriculum includes 7 different units covering terrestrial and aquatic biomes. It includes:

- Overview: 3 weeks
- Forest: 3 weeks
- Grasslands: 2 weeks
- Desert: 3 weeks
- Tundra: 3 weeks
- Aquatic Biomes: 5 weeks
- Food Chains and Ecology: 4 weeks

All units have
printable AND
digital versions

All the units contain similar activities so students become familiar with the format and can concentrate more on the content. Although there is some variation, each unit has:

- Detailed lesson plans
- A book PLUS a pre-recorded PowerPoint show and movie version
- Vocabulary board to increase engagement and participation
- Vocabulary Cards
- Circle maps
- Sorting activities
- Matching activities
- Maps
- Close worksheets (fill in the blank)
- Assessments (3 versions)

All units have
printable
AND digital
versions

Table of Contents

Pages	Activity
4-5	Vocabulary board
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Also included in this resource as separate files:

- Lesson plans
- Links and directions to digital activities
- PowerPoint (this is the book in the lesson plan)
- Voice recorded PowerPoint
- Activities in black and white

Every unit has a table of contents with lots of contents with lots of activities. There is a separate file with directions and links to the digital activities.

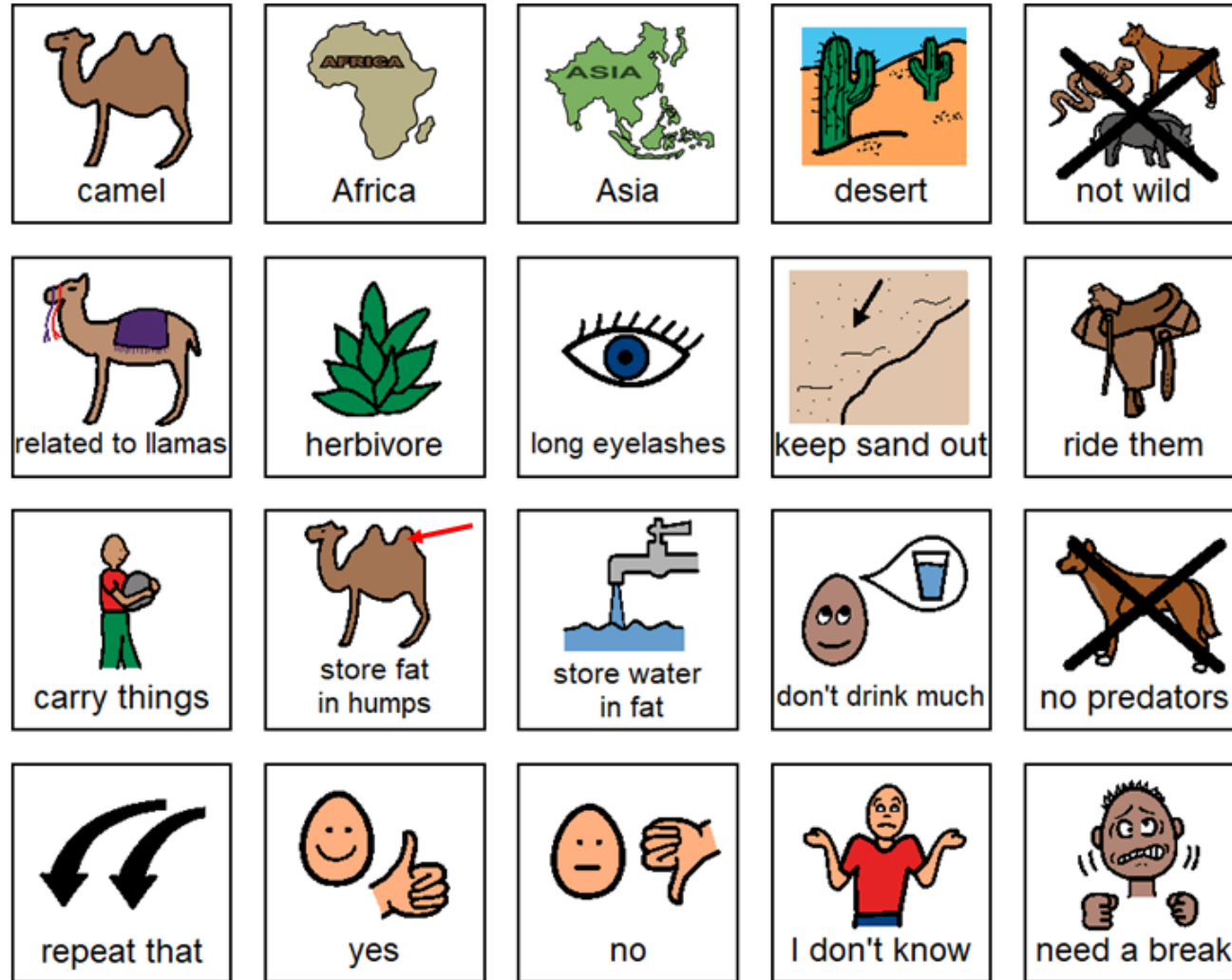
Lesson plan

Day 2

Activity	Notes	Materials
Read or listen to the book (10 minutes)	<ul style="list-style-type: none"> • Read through the story, asking lots of questions • Continue to make connections between book and vocabulary board 	<ul style="list-style-type: none"> • Book • Vocabulary board
Vocabulary cards I Spy Game (10 minutes)	<ul style="list-style-type: none"> • Determine how many cards your students can handle in front of them. This can vary, some students may be able to have all the cards, so may only be able to handle a field of 3-5 • Discuss relevant points on the card • You can also play this game in this manner having them find the symbol on their vocabulary board 	<ul style="list-style-type: none"> • Vocabulary cards (student set and teacher set) • Vocabulary board
Circle map review (5 minutes)	<ul style="list-style-type: none"> • Review the circle map completed yesterday 	<ul style="list-style-type: none"> • Circle map completed yesterday
Circle Map (10 minutes)	<ul style="list-style-type: none"> • Do the circle map on the Polar Deserts <ul style="list-style-type: none"> ◦ Choose the best version (errorless or not) depending on the learning level of your students ◦ Students cut out symbols and place in circle map. • Make connections to the book as necessary 	<ul style="list-style-type: none"> • Circle map • Scissors • Glue
Sharing (10 minutes)	<ul style="list-style-type: none"> • Each student shares their finished circle map with the group using the communication method of their choice 	<ul style="list-style-type: none"> • Completed circle map • Communication devices

Every unit has a detailed lesson plan with:

- suggestions
- overview
- daily step-by-step guide.



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Every unit in the bundle comes with a vocabulary board. These are vital for increasing engagement and participation. Suggestions on how to utilize them are included in each unit.

Book

The understory is the middle layer and contains smaller trees, saplings, and shrubs. The floor is where you find mosses, ferns, flowers, and mushrooms. We will look at each of these layers more closely in each type of forest including which animals live in each layer.

















understory



floor

Each unit comes with a book in PowerPoint and mp4 formats. They have simple text and engaging photos and contain all the information your students will need to complete the activities.

Desert

 polar	 nonpolar	 desert
 nonpolar	 desert	
 hot	 desert	
	 dry	 nonpolar
 desert		 polar
 polar	 camel	 dry

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

meerkat	polar	Sahara	penguin
arid	desertification	dust storm	desert
Saguaro	Antartica	camel	nonpolar

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The unit on each biome has vocabulary cards and vocabulary puzzles specific to that biome.

desert

Terrestrial biome that gets less than 10 inches of rain per year.



arid

Very dry



humidity

Moisture in the air; helps keep heat from day close to earth at night.



polar desert

Areas of desert found at north and south poles.







Vocabulary

Who am I cards

- Give each student a set of Who am I cards
- Various options/ways to play, but the goal is to have students hold up the card you are talking about. Sometimes there can be more than one correct answer
- Things you can do:
 - Hold up a vocabulary card
 - Show a page from the book
 - Point to a symbol on the vocabulary board
 - Verbally describe something about the tundra.
- Tell a story as though you were visiting the tundra.
 - What do you see?
 - What is the weather like?
 - What plants or animals do you see?
 - Where do you live?
 - What are you eating?

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The unit on each biome has group activities like Who Am I? game and Bingo cards.





 nonpolar	 polar
 Sahara	 Antartica

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Desert

 camel	 freezing	 hot	 Saguaro
 Antarctica	 shrub	 desertification	 dust storm
 meerkat	 nocturnal	 Sahara	 polar
 biome	 penguin	 desert	 nonpolar

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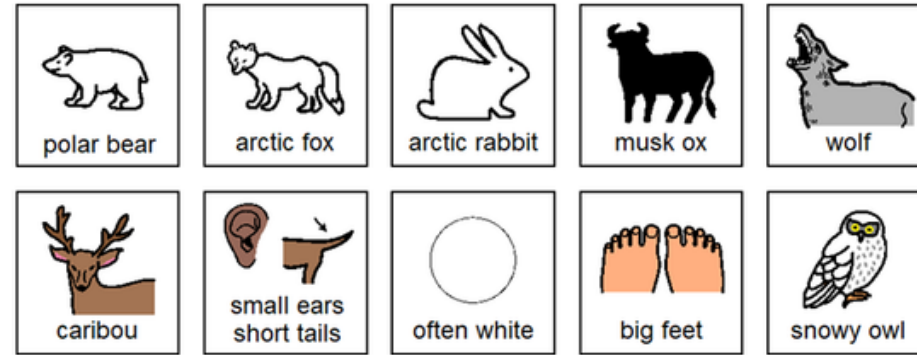
 nonpolar	 polar
 Sahara	 Antartica

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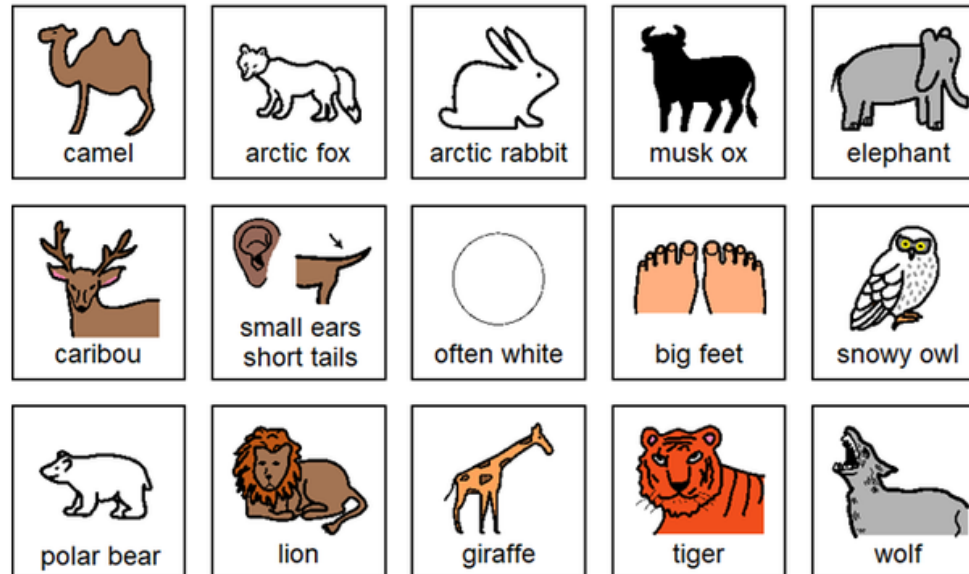
What are some animals that live in the tundra?



Cut apart pictures and place in circle map showing facts about the animals in the tundra.



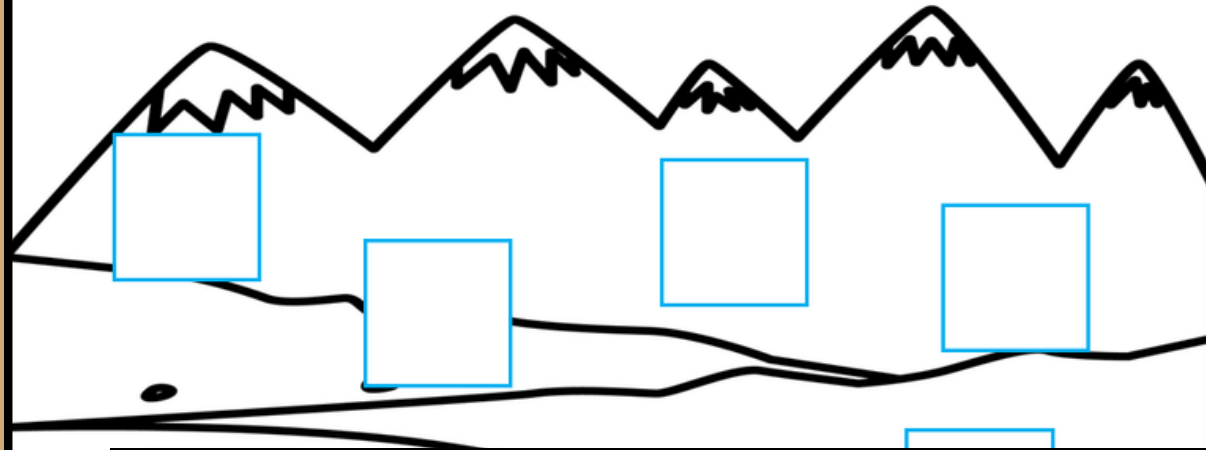
Cut apart pictures and place in circle map **ONLY IF** they relate to animals in the tundra.



Each unit comes with circle maps to review the main facts from the book. There is an errorless version and a version with wrong answers mixed in.

circle maps

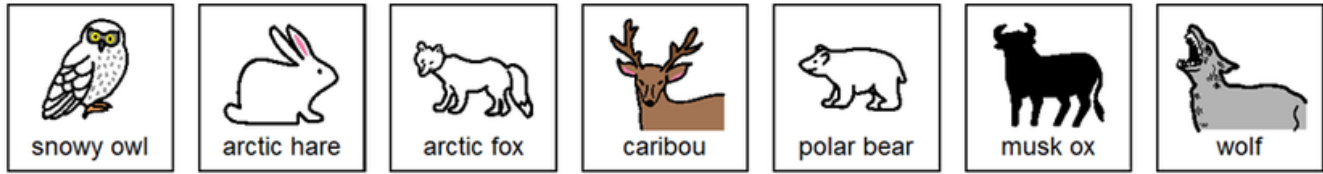
Animals



There is a mixture of other activities including group activities.

rainforest	rainforest	taiga	taiga
freezing	canopy	understory	floor
a lot of rain	near equator	dry	moose
hot	trees	snow	parrot

Animals



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nonpolar					polar
dry	cactus	very little rain	scientists		
camel	icy	penguin	hot		
cold	Sahara	Antartica	sand		

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Color in the savannas.

Africa

Australia

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Each unit has fill-in-the-blank worksheets for review.

Review sheets

Temperate Grasslands

1. Temperate grasslands have seasons.
2. The prairie are temperate grasslands found in .
3. The steppes are temperate grasslands found in .
4. The pampas are temperate grasslands found in .
5. Millions of used to live on the prairie before settlers came.



Savannas

1. The savannas are located near the .
2. Savannas have a and .
3. The largest area of the savannas are found in .
4. There is also a large area of savannas in Northern .
5. are one of the herbivores living in the savannas.



Polar Deserts

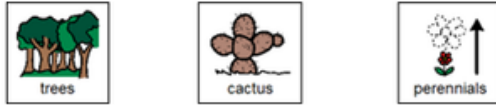
1. is the largest desert in the world.
2. Polar deserts are all year long.
3. Antarctica is the place on earth.
4. and live in polar deserts.
5. Only live in Antarctica doing research.



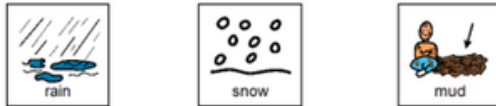
1. Where are deserts found? (circle all)



2. What is a common plant found in the desert?



3. Deserts get less than 10 inches of what per year?



4. All deserts are:



5. What kind of storm occurs often in the desert?



There is an assessment for each unit that comes in 3 versions.

assessment

Print onto cardstock or mount on index cards. Cut pictures apart and show student answer choices for each question.

Q 5



Q 6



1. Where are deserts found? (circle all)

- A. United States
- B. Africa
- C. China
- D. Antarctica
- E. South America
- F. Australia

2. What is a common plant found in the desert?

- A. Trees
- B. Cactus
- C. perennials

3. Deserts get less than 10 inches of what per year?

- A. Rain
- B. Snow
- C. Mud

4. All deserts are:

- A. Hot
- B. Cold
- C. Dry

5. What kind of storm occurs often in the desert?

- A. Hurricane
- B. Thunderstorm
- C. Dust storm

6. What is the largest desert on Earth?

- A. United States
- B. Antarctica
- C. Canada



All of these units include digital versions of the activities. These simply require the student to click and drag the answers. There is no drawing or typing involved.

There is a movie version of the book.

There are 2 complete sets of slides. One set is differentiated with color.

Quickly combine slides from the 2 sets to create the perfect combination for each student.

Make great independent learning centers.


Terrestrial Biomes: *Deserts*













By
Christa Joy

The movie version
of the books from
the unit.

Use for more review.

Place the picture in the circle map about forests.



 <p>1/3</p>	 <p>trees</p>	 <p>rainforest</p>	 <p>temperate</p>
 <p>rain</p>	 <p>seasons</p>	 <p>deciduous trees</p>	 <p>taiga</p>
 <p>canopy</p>	 <p>understory</p>	 <p>floor</p>	 <p>bears/gorillas</p>


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The digital activities are click and drag.

Perfect for any learning level.

Forests

1. Forests are dominated by  and other woody plants.

2.  are located near the equator and get lots of rain.

3. Temperate forests experience all 4 .

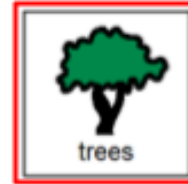
4. Taiga are found in areas that are .

5. You will find  living in rainforests and  living in temperate forests.

Choose the best picture to finish each sentence.



cold



trees



rainforest



bear



gorilla



seasons

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Each unit comes with a set of slides that are differentiated with color.

Still have questions?

Reach out at specialneedsforspecialkids@gmail.com

I will answer your question personally and promptly.

