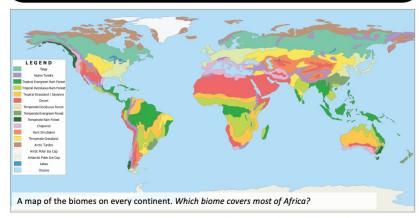
Supports science, reading, writing, and vocabulary!

SCIENCE PASSAGES 6 ARTICLES AROUT RIOMES

LET'S EXPLORE SCIENCE

The World's Major Biomes



What is a biome?

Biomes are very large sections of the Earth. Each of these sections is located in a different part of the planet with specific patterns of weather and types of soil. Because of this, the biomes allow different species of plants and animals to thrive.

There are seven major biomes that cover the planet. Here are their characteristics:

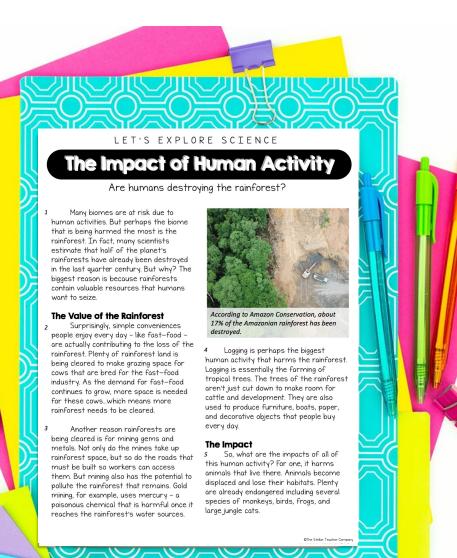
Tropical rainforests lie near the

Temperate rainforests are another major biome. Some of the largest are located on the western coasts of North America. They have mild temperatures (not too hot or cold) and two seasons. Winter is long and wet. Summer is short, foggy, and drier. This climate allows huge oak, elm, and birch trees to grow. It's also a pleasant environment for hawks, foxes, and deer to thrive.

Deserts are dry biomes – less than 10 inches of rain fall in deserts each year. The biggest deserts are found in



REASONS TO LOVE THESE NONFICTION SCIENCE ARTICLES



CROSS-CURRICULAR INSTRUCTION

Teachers are always short on time, and unfortunately this often means that science can take a hit. These science passages make it easy for you to teach key science content through a rich and engaging reading lesson. You'll tackle multiple subjects at once.

BUILDS BACKGROUND KNOWLEDGE

Building background knowledge in science is a key part of teaching reading. Each text in this set connects to the overarching topic of biomes. As students are reading, they will be able to connect what they learned in one passage to another passage they read from this set.

HIGH INTERESTS TEXTS

Not only do these texts connect to key sciences topics and concepts, but they are also highly engaging and interesting to read. Your students will love learning about the topics included in this science set!



MHAT'S INCLUDED



LET'S EXPLORE SCIENCE

The Impact of Human Activity

The Value of the Rainforest

Surprisingly, simple conveniences people egioy every day – like fast-food- are actually contributing to the loss of the rainforest. Plenty of rainforest land is being cleared to make grazing space for cows that are bred for the fast-food industry. As the demand for fast-food continues to grow, more space is needed for these cows. which means more rainforest needs to be cleared.

3 Another reason rainforests are being cleared is for mining germs and metals. Not only do the mines take up rainforest space, but so do the roads that must be built so workers can access them. But mining also has the patential to pollute the rainforest that remains. Gold mining, for example, uses mercury – a paisonous chemical that is harmful ance it reaches the rainforests water sources.



According to Amazon Conservation, about 17% of the Amazonian rainforest has been destroyed.

4 Lagging is perhaps the biggest human activity that harms the ranforest. Lagging is essentially the farming of tropical trees. The trees of the ranforest arent just but down to make room for cattle and development. They are also used to produce furniture, boots, peper, and decorative objects that people buy every day.

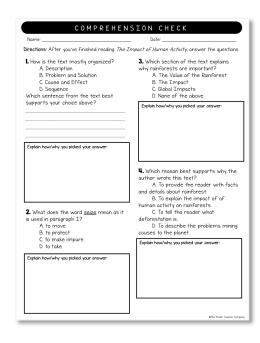
The Impact

5 So, what are the impacts of all of this human activity? For one, it harms animals that live there. Animals become displaced and lose their habitats. Plenty are already endangered including several species of monkeys, birds, frogs, and large jungle cats.

Office Stellar Teacher Compon-

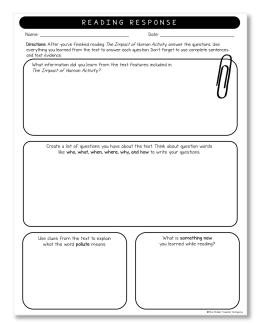
Reading Passages

Get six nonfiction science based articles. Each text is written in a different text structure and includes a variety of text features to support both reading and science standards.



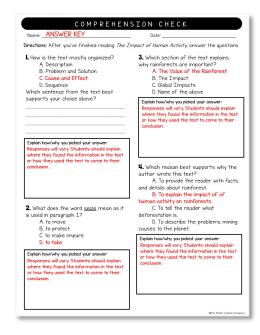
Comprehension Check

Each passage also has a short four—question, multiple—choice comprehension check. You can use this to asses their understanding of the science topic or their reading comprehension.



Reading Response

The reading response sheets following each passage will help your students build confidence when writing about a text. The questions cover a variety of reading skills.

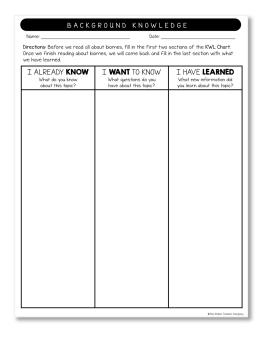


Answer Keys

We've included answer keys for all the student response pages. This will make it easy for you to check student work or to assign a grade.

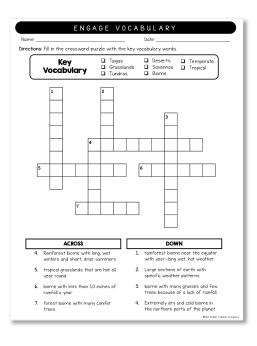


ADDITIONAL ACTIVITIES



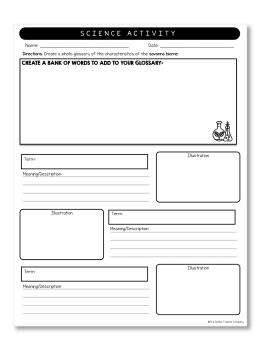
Background Knowledge

The background knowledge worksheets will help your students activate their prior knowledge of the topic. We include a variety of background knowledge activities.



Vocabulary Activities

Vocabulary and word study are essential in helping our students improve their reading, writing, and speaking skills. We include several vocabulary activities you can use with this resource.



Science Activities

Whether it be performing steps of the scientific method, creating a picture glossary, or conducting an experiment, you'll get a handful of activities to support this science topic.

Nα	me:	Date:
irec ant	tions: You are going to write to respond. Then, create a	a paragraph about bionnes. First, read the question and think about how you plan for your paragraph. Use the Checklist to write a well-developed paragrap
	Compare a	nd contrast two biomes of your choice.
	Step One: Choose two Step Two: Create a Ver	plannes. In Diagram with similarities and differences
_		
_ (Paragraph Checklist	
_ _	Checklist Topic Sentence:	
	Checklist Topic Sentence: Introduces the main idea in a clear,	
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	Checklist Topic Sentence: Introduces the main idea in a clear, precise way Detail Sentences: Clearly support the topic sentence, written in a variety	
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0	Checklist Topic Sentence: Introduces the main idea in a clear, precise way Detail Sentences: Clearly support the topic sentence, written in a variety of sentence structures, include transition words	
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0	Checklist Topic Sentence: Lintroduces the main idea in a clear, precise way betail Sentences: Clearly support the topic sentence, written in a variety of sentence structures, include transition words Concluding Sentence: Summarizes or wrops up the	

Writing About Science

You will find two options for Writing About Science in this resource. The Paragraph Checklist will help your students write a well—developed paragraph about the topic with a topic sentence, details, and a conclusion.



HOW CAN I USE THIS RESOURCE?

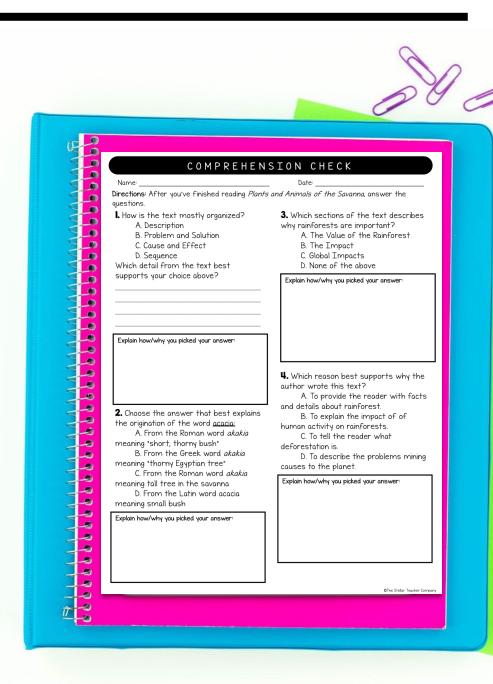


- Use these resources in your reading block, science block, or both!
- Don't forget to utilize the digital version of this resource to help your students master digital literacy skills.
- Use the entire resource or pick and choose which activities work best for you and your students.
- These resources are the perfect addition to your science or reading block as you prepare for standardized testing.



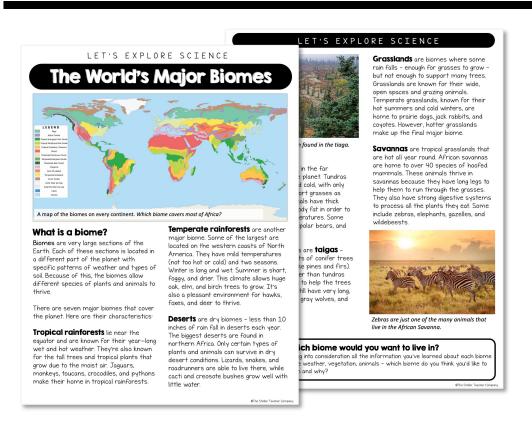
HOW CAN I USE THIS RESOURCE?

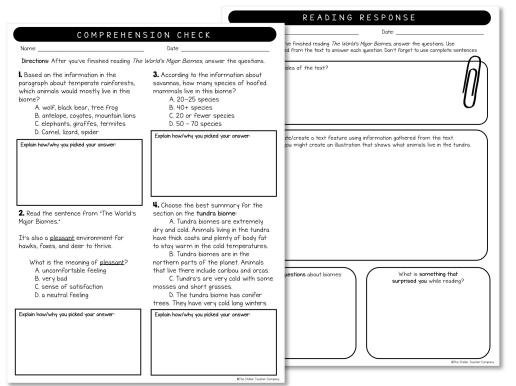
- You can use the passages and student response sheets as extra guided practice and do them as a whole group.
- You can use the passages and comprehension checks during small groups with students who need extra support.
- You can use the Writing About Science
 activities as a pre-assessment of a
 unit and then as a summative
 assessment to gauge learning.
- Partner students up for the Science Activity to add a layer of collaboration.





PASSAGE 1: THE WORLD'S MAJOR BIOMES



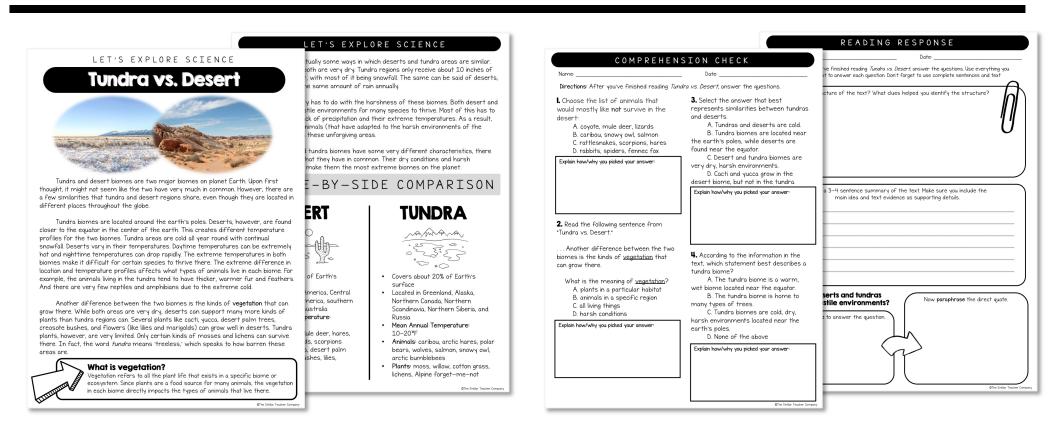


- General Topic: 7 Biomes of the World
- Text Structure: Description
- Text Features: Maps, Photographs and Captions, Headings
- Reading Skills: Evaluate Details & Key Ides, Main Idea, Summarize, Context Clues, Text Features





PASSAGE 2: Tundra vs. Desert

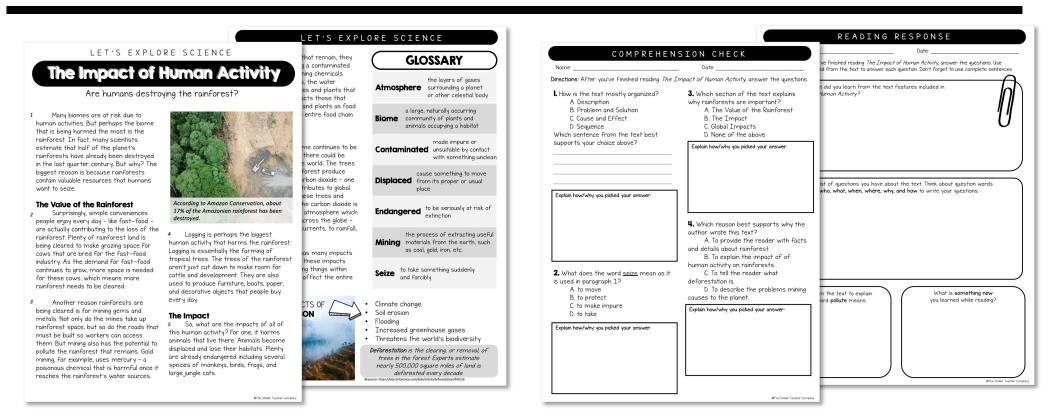


- General Topic: Similarities & Differences in the Tundra & Desert
- Text Structure: Compare & Contrast
- Text Features: Photographs, Illustrations, Infographic
- Reading Skills: Evaluate Details & Key Ideas, Text Structure, Text Features, Context Clues, Summarize





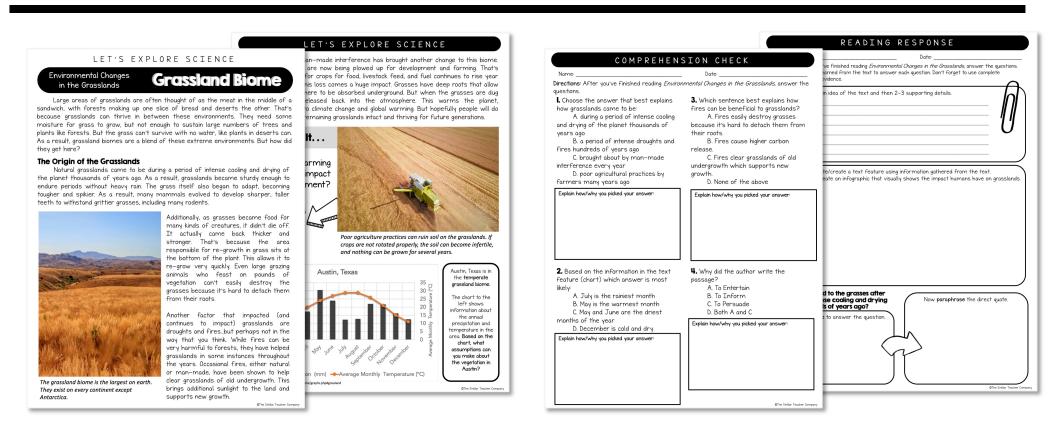
PASSAGE 3: The Impact of Human Activity



- General Topic: How Human Activity is Destroying The Rainforst
- Text Structure: Cause & Effect
- Text Features: Photographs and Captions, Glossary, Infographic
- Reading Skills: Key Details & Ideas, Text Evidence, Text Features, Text Structure, Asking Questions



PASSAGE 4: Grassland Biome

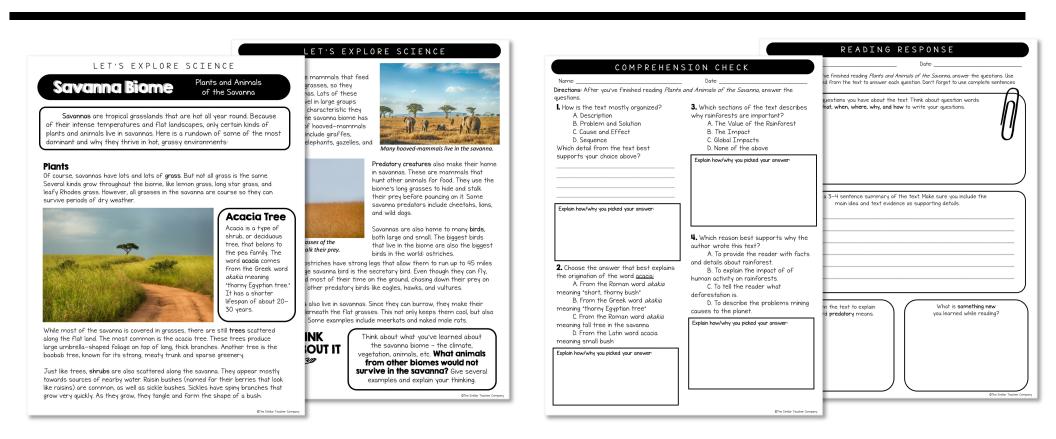


- General Topic: Environmental Changes in the Grasslands
- Text Structure: Cause and Effect
- Text Features: Photographs and Captions, Graph, Text Boxes
- Reading Skills: Evaluate Details & Key Ides, Main Idea, Summarize, Context Clues. Text Features





PASSAGE 5: Savanna Biome

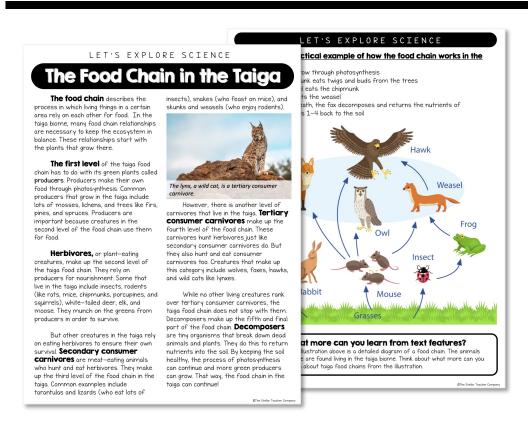


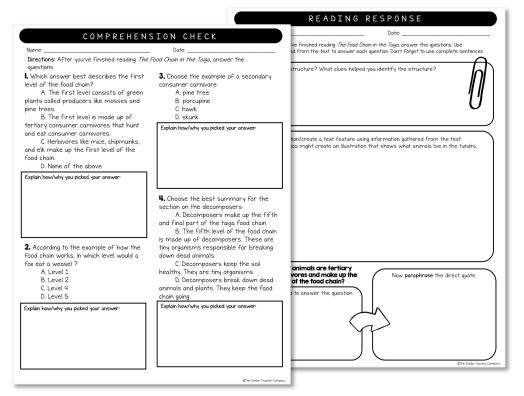
- General Topic: Plants and Animals of the Savanna
- Text Structure: Description
- Text Features: Photographs and Captions, Text Boxes
- Reading Skills: Evaluate Details & Key Ideas, Main Idea, Text Structure, Asking Questions, Summarize





PASSAGE 6: The Food Chain in the Taiga



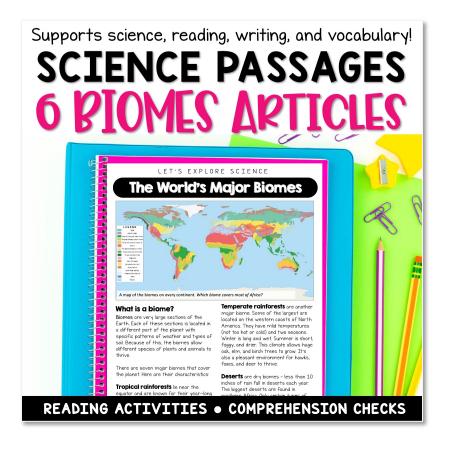


- General Topic: Levels of the Food Chain in the Taiga
- Text Structure: Sequence
- Text Features: Photograph and Caption, Diagram, Bold Words
- Reading Skills: Evaluate Details & Key Ideas, Text Features, Summarize. Text Structure



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