

INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON



EARTH'S DESERTS



There are many deserts on earth. Some are very hot, and some are very cold.

Can you name any deserts?

GRADES
3-6

“Desert Biome”



ON THE SPECIALS?

DESERT PLANTS

This beautiful flower is a desert marigold.
These hardy flowers are native to deserts
in the southwestern US and Mexico.



They are in the Mojave
Desert, and Chihu

Can you think of other

TYPES OF DESERT PLANTS

Life in the desert is extremely difficult for most plants, but some have adapted.
These plants have waxy leaves (or no leaves) and deep and wide root
systems to help them absorb and store as much water as possible.



- Cacti
- Mesquite tree
- Yucca
- Joshua tree
- Desert marigold

Teaching the same lesson, the same way, 20 times each week? There is a variety of content here, so you don't need to use every slide with every grade level.
No more teaching the exact same lesson all week!

TWO-PART LESSON

Joshua tree in the Mojave Desert



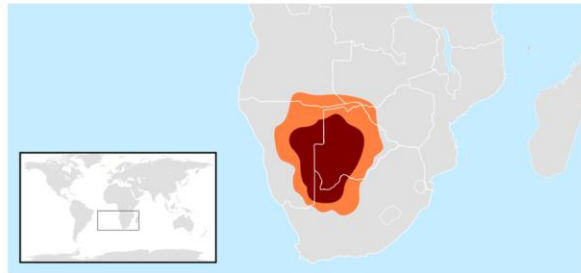
HOTTEST TEMPERATURE

The hottest temperature ever recorded was in the Mojave Desert in the USA. What was the temperature?

- a. 122° F (50° C)
- b. 134° F (56° C)
- c. 140° F (60° C)

TRUE OR FALSE?

The Kalahari Desert in Botswana, Namibia, and South Africa (all in southern Africa) is known for its unique green sand, which contrasts with the savanna surrounding it.



(answer on next slide)

Designed specifically for librarians on the Specials rotation! Each part takes about 25 minutes and can easily be reduced or split into two lessons.

PART I – WHOLE CLASS LESSON

THE FIVE LARGEST DESERTS ARE...

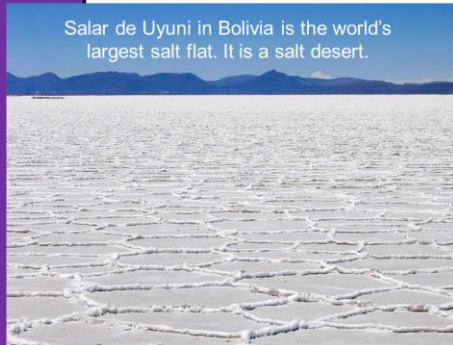
- 1 – Antarctica Desert (most of Antarctica)
- 2 – Arctic Desert (Norway and Russia)
- 3 – Sahara Desert (North Africa)
- 4 – Arabian Desert (Saudi Arabia)
- 5 – Gobi Desert (Mongolia and China)

The two largest deserts in the world are the Antarctica and Arctic deserts. This is because they receive very little rainfall.



WHAT MAKES A DESERT?

Salar de Uyuni in Bolivia is the world's largest salt flat. It is a salt desert.



- Terrestrial (land) biome
- Very dry climate with almost no rainfall
- High levels of evaporation
- Sparse vegetation
- Extreme temperatures
- Rocky, sandy, salty, or snowy terrain

Fun fact: Deserts cover about 1/5 of the land area on earth.

Part I includes guided discussion of biomes, the desert biome, the world's 5 largest deserts, desert plants, animals, and humans.

GUIDES YOUR LIBRARY TIME

CHECKING OUT BOOKS TODAY!

Not checking out today?

You can change this slide to "Browsing Books Today!" or "Let's practice turning pages!" or whatever you like.



This slide is fully-editable, including the artwork.



WHAT SHOULD WE DO NOW?

1



Find the library book or books that interest you.

2



Bring your book to the librarian for checkout.

3



Work on the scavenger hunt or read quietly.

The presentation guides library time from start to finish! Includes video links, reminder slides, a read-aloud cover slide, and a "What Should We Do Now?" slide.

PART II - SCROLLING SLIDES

TRIVIA QUESTION

Salar de Uyuni is a giant salt flat or salt desert in Bolivia. It was formed millions of years ago from a large prehistoric lake that dried up.

Salar de Uyuni is an important breeding ground for which large bird?



LIBRARY REVIEW

In the library, books about the desert biome can be found in the 500 section. This section is for books about science.

You can find books about deserts in several places in the 500 section. One of those is the call number 577.54.

Other biomes like oceans, savannas, and tropical rainforests can also be found in the 500 section.

call number

Part II includes additional facts about deserts around the world, desert animals, idioms, trivia, and more!

SCROLLING SLIDES

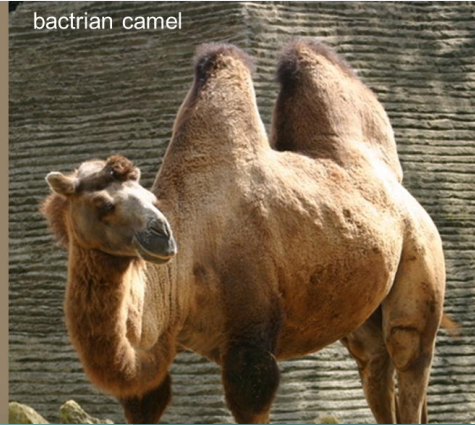
TRIVIA QUESTION

It is possible for camels to have one hump.

It is possible for camels to have two humps.

Is it possible for camels to have three humps?

bactrian camel



dromedary camel



TRIVIA ANSWER

Is it possible for camels to have three humps?

ANSWER = NO!

Dromedary camels have one hump.

Bactrian camels have two humps.

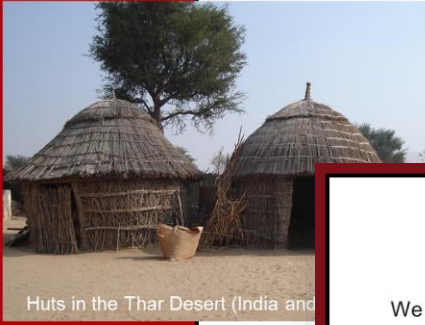
No known camel species has three humps.

More examples of Part II—Scrolling Slides

DON'T HAVE POWERPOINT?

DO HUMANS LIVE IN DESERTS?

ANSWER: YES! Over 1 billion people live in deserts!



Huts in the Thar Desert (India and Pakistan)

Like animals and plants, people have also adapted to live in deserts.

They have learned to conserve water. They

SPELLING MISTAKES

We all know the difference between desert and dessert when we see photos of them.

But people frequently confuse the spellings of these two words.



Patagonian Desert (Argentina)



chocolate dessert

I've also included a Google Slides version!

ALL TEXT IS EDITABLE

The Kalahari Desert in Botswana, Namibia, and South Africa (all in southern Africa) is known for its unique green sand, which contrasts with the savanna surrounding it.

FALSE!

The Kalahari Desert has red sand, not green.

The red color is the result of iron oxide in the sand. This is also why the surface of the planet Mars is red.

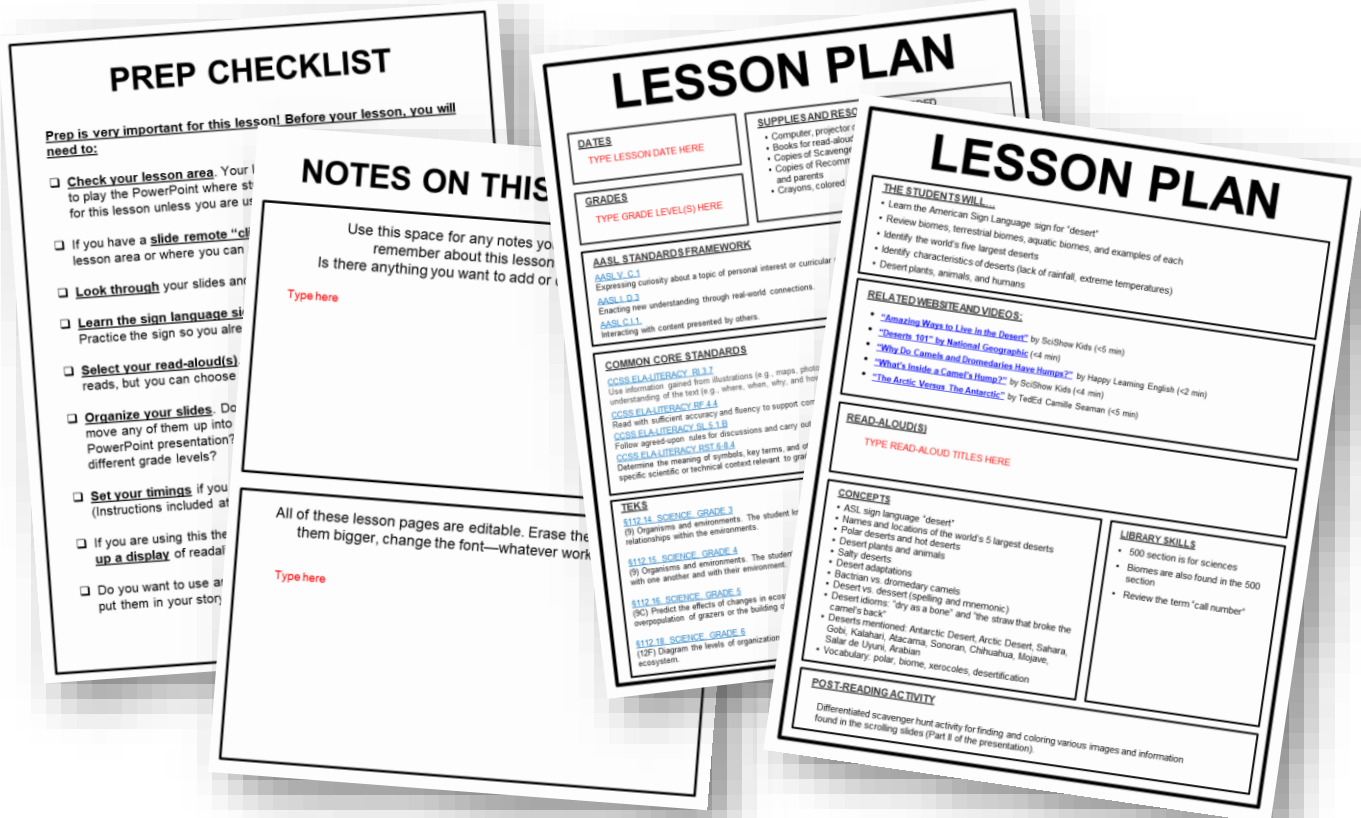


Editable (all text and headers)

Not editable (images)

Artwork has been locked to protect copyright.

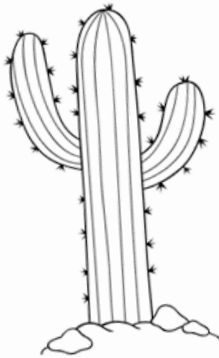
PRE-FILLED LESSON PLAN TEMPLATE



Includes a pre-filled, editable lesson plan template for this library lesson. AASL, TEKS, and CC standards are all included on the lesson plan.

RECOMMENDED READS

“Desert Biome”



PICTURE BOOKS

- The Water Lady: How Darlene Arviso Helps A Thirsty Navajo Nation* (McGinty)
- A Drop of the Sea* (Chabbert)
- Cowboy Ned & Andy* (Stein)
- The Tortoise and the Jackrabbit* (Lowell)
- Coyotes All Around* (Murphy)
- Way Out in the Desert* (Marsh)
- Over on a Desert* (Berkes)
- How the Jackrabbit Got His Very Long Ears* (Irbinskas)
- Kissing Coyotes* (Vaughan)
- The Seed and the Giant Saguaro* (Ward)

FICTION

- Canyon's Edge* (Bowling)
- Insignificant Events in the Life of a Cactus* (Bowling)
- Healer of the Water Monster* (Young)
- Cece Rios and the Desert of Souls* (Rivera)
- The Many Assassinations of Samir, the Seller of Dreams* (Nayeri)
- The Moth Keeper* (O'Neill)
- Tips for Magicians* (Rimington)
- Once Upon a Camel* (Appelt)
- Tumble* (Perez)
- ...* (Grill)



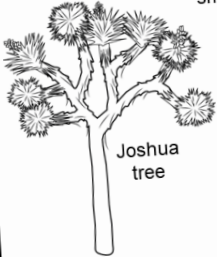

Includes separate page (editable) that lists 28 book titles about deserts. Print and give out to students, parents, and teachers.

PART II- SCAVENGER HUNTS

Name _____ Teacher _____

SCAVENGER HUNT

Can you find all these in the Deserts slides?










EASIER

Name _____ Teacher _____

SCAVENGER HUNT

All these pictures and answers are in the Deserts slideshow. Can you find them?







HARDER

Name **ANSWER KEY** Teacher _____

SCAVENGER HUNT

All these pictures and answers are in the Deserts slideshow. Can you find them?


<p>Is this a <u>dromedary</u> or a <u>bactrian</u> camel?</p>  <p>The <u>humps</u> and <u>humps</u> are called <u>humps</u>.</p>	<p>Circle the correct spellings</p> <p>I will eat my (desert, <u>dessert</u>) on this sand dune in the (desert, <u>dessert</u>).</p>	<p>What kind of animal bones were found in the Arabian Desert?</p> <p><u>hippo</u></p>
<p>ANSWER KEY</p>		
<p>What Dewey Decimal System number has books about deserts?</p> <p><u>577.54</u></p>	<p>What desert are the famous Egyptian pyramids located in?</p> <p><u>Sahara Desert</u></p>	<p>(answers will vary) Empty water bottle Empty swimming pool sand dunes burned toast</p> <p>Other than a desert, what is something that could be described as "dry as a bone"?</p>

Keep students engaged during checkout! All images and answers to the questions appear in Part II of the presentation. Two differentiated versions!

MORE LIBRARY LESSONS

INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON




OCEANS IN TROUBLE

Our oceans are facing a difficult time right now. Problems like pollution, overfishing, and coral reef destruction cause our ocean plant and animal life to die. If our oceans are not healthy, our planet is not healthy.

RECOMMENDED READS
SCAVENGER HUNT


GRADES 3-6

"Ocean Biome"



INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON



IN 4th PLACE...


Makkah Royal Clock Tower Hotel
Mecca, Saudi Arabia

120 floors
1972 feet tall (601 m)
Completed: 2012

RECOMMENDED READS
SCAVENGER HUNT

GRADES 2-5

"Skyscrapers"



PLAY IN GOOGLE™ SLIDES

INTERACTIVE VIRTUAL FIELD TRIP



LAKES FULL OF LAVA

There are over 1500 volcanoes on Earth. Of the 1500, only seven volcanoes are known to have lava lakes.

RECOMMENDED READS
SCAVENGER HUNT

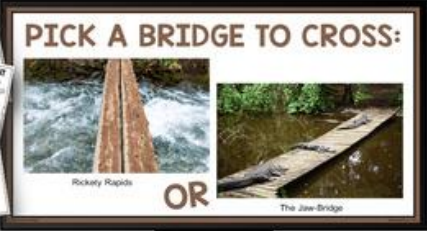
GRADES 3-5

"Antarctica"



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ELEMENTARY LIBRARY LESSON



PICK A BRIDGE TO CROSS:

Rickety Rapids OR The Jaw-Bridge

RECOMMENDED READS
SCAVENGER HUNT

GRADES 2-5

"Bridges"

