

INCLUDES GOOGLE™ SLIDES

OCEAN BIOME

LIBRARY BUNDLE

INCLUDES GOOGLE™ SLIDES

LIBRARY STORYTIME

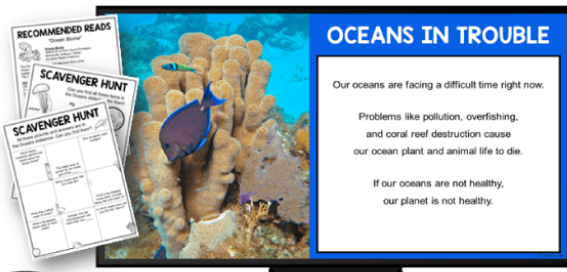


"Oceans"



INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON



GRADES
3-6

"Ocean Biome"



GRADES
K-6

For Elementary Libraries



WHY BUY THE BUNDLE?

The bundle is best for librarians serving both upper- and lower-elementary grades. Both lessons are about oceans, but they cover different topics for Grades K-2 and 3-6. Buy the bundle if you want to teach a whole-school unit about oceans (and save 10%!).

CAN YOU GUESS THIS OCEAN ANIMAL?

- Lives in oceans around the world
- Has no bones
- Has three hearts!



Grades K-2



HOW CAN WE HELP?

Even if we don't live near the ocean, we can still help keep them healthy.



Let's look at some ways we can help keep our oceans clean...

Grades 3-6



AT-A-GLANCE

K-2 STORYTIME:

- oceans song (includes lyrics and tune)
- “ocean/sea” and “fish” in American Sign Language
- guessing game – Students guess the ocean animals based on 3 clues and a partial illustration of the ocean animal.
- guessing game animals include: jellyfish, giant clam, octopus, sea urchin, and sea turtle.
- ASL fingerspelling S-E-A and C-R-A-B
- the sunlight zone
- Ming the quahog
- Word of the week: salinity
- coral reef conservation – why coral reefs are in danger and what we can do to help
- 2 ocean idioms – “make waves” and “in deep water”
- 2 “ocean” careers – marine biologist and beach lifeguard

GRADE 3-6 LIBRARY LESSON:

- ASL sign language “ocean”
- Names of the world’s 5 oceans
- 5 ocean depth zones (common and scientific names)
- Ocean problems today
- Conservation tips that kids can do everyday to help oceans
- Each ocean depth zone, defined
- Life in each ocean depth zone
- How many people have ever been to the hadal zone
- Difficulty living in each depth zone
- Animal adaptations to live in depth zones
- Challenger Deep and Mariana Trench
- Vocabulary: bioluminescence, intertidal zone, continental shelf, biome (terrestrial and aquatic), greenhouse gas, runoff

DON'T HAVE POWERPOINT?

Google Slides are included!

WOULD YOU RATHER...



Be able to swim as fast as a dolphin



Be able to breathe underwater like a fish

OR

Grades K-2

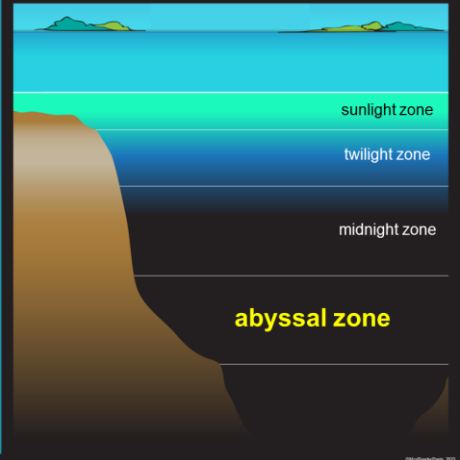


Grades 3-6

ABYSSAL ZONE

The fourth ocean zone is the abyssal zone. This zone is beneath the midnight zone. It ranges from 4000 meters to 6000 meters deep.

The abyssal zone is also called the abyssopelagic zone.

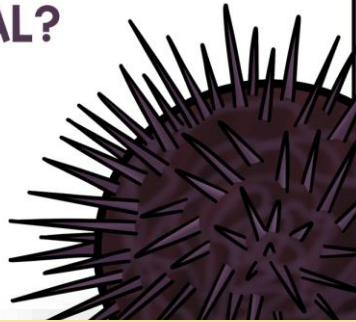


FUN FACTS & TRIVIA

Loads of fun facts, trivia, would-you-rathers, did you knows, vocabulary, and more! All relate to oceans, the ocean biome, ocean animals, and conservation.

CAN YOU GUESS THIS OCEAN ANIMAL?

- The spines help the animal walk and keep predators away
- Found on the ocean floor or hard surfaces like coral or rocks
- Often shades of red or purple



Grades K-2



OUR FIVE OCEANS ARE...

- 1 – Arctic Ocean
- 2 – Pacific Ocean
- 3 – Atlantic Ocean
- 4 – Indian Ocean
- 5 – Southern Ocean



Before 1999, the Southern Ocean was called the Antarctic Ocean.
You may still hear it called the Antarctic Ocean today.

Grades 3-6



ALL TEXT IS EDITABLE

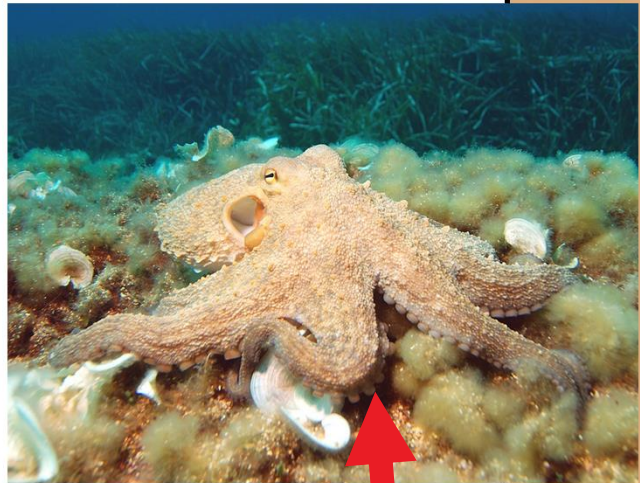
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Oceans Storytime (K-2)

TRIVIA QUESTION

Can octopuses live
in icy-cold waters?

(answer on next slide)



**Editable (all text
and headers)**

**Not editable
(images)**

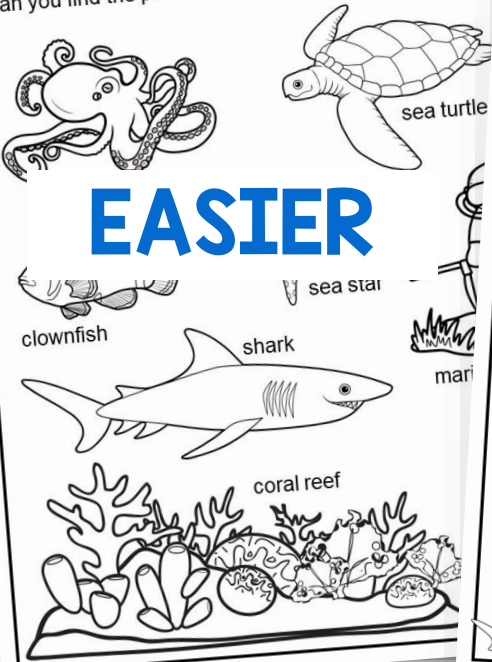
K-2 SCAVENGER HUNT

Both resources include two differentiated scavenger hunt activities. One is images-only, and one is images + text.

Name _____ Teacher _____

SCAVENGER HUNT

Can you find the photos or drawings to match these pictures?



sea turtle

EASIER

clownfish sea star

shark mari


coral reef

Oceans Storytime

Name _____ Teacher _____

SCAVENGER HUNT


How many of these pictures and facts can you find in the Oceans Storytime slides?



Salinity measures how much _____ is in the _____


Name one human activity _____ arms coral reefs.

HARDER

What does this spell?


If you are "making waves," you are creating a _____

The top 200 meters of the ocean is called the _____ zone.



Name one ocean feature that causes the water to be salty.

What is one thing we can do to protect coral reefs?


Beach lifeguards must learn _____ and _____.

Oceans Storytime

Name **Answer Key** _____ Teacher _____

SCAVENGER HUNT

How many of these pictures and facts can you find in the Oceans Storytime slides?



Salinity measures how much **salt** is in the water.

yes

Name one thing that harms coral reefs.
Overfishing
Pollution
Climate change

Can octopuses live in _____

ANSWER KEY

eroding rocks

you _____ better.

sunlight

Name one ocean feature that causes the water to be salty.
float

What is one thing we can do to protect coral reefs?
Don't walk on coral
Conserve water
Reduce, reuse, recycle

CPR
First aid

What is one thing a marine biologist does?
Research
Teach
Collect samples

Beach lifeguards must learn _____ and _____.






Oceans Storytime

3-6 SCAVENGER HUNT

Both resources include two differentiated scavenger hunt activities. One is images-only, and one is images + text.

SCAVENGER HUNT

Can you find all these in the Oceans slides? Color!








EASIER

Recommended Reads—Ocean Biome

SCAVENGER HUNT

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



Which library has hundreds of books about ocean biology?

do plants need sunlight?

The hadal zone is named for the Greek god of the _____.

Which ocean zone has the most life?

What does *bathos* mean in Greek?

What is the deepest known point on earth called?

Animals that are bioluminescent can make their own _____.

HARDER

Recommended Reads—Ocean Biome

ANSWER KEY

SCAVENGER HUNT

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

Which library has hundreds of books about the ocean biome? 500	Underworld	Why do plants need sunlight? To make their own food
The hadal zone is named for the Greek god of the _____. Pluto	Challenger Deep	Animals that are bioluminescent can make their own _____. light
Which ocean zone has the most life? Epipelagic zone	Midnight zone or bathypelagic zone	Why do plants need sunlight? By three or ever it
What does <i>bathos</i> mean in Greek? deepest	light	What is the deepest known point on earth called? deepest as human has been in?
Animals that are bioluminescent can make their own _____. light	Midnight zone or bathypelagic zone	In which ocean zone will you find the Titanic? Midnight zone or bathypelagic zone

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Both lessons include Recommended Reads.
 Print and give out to students, teachers,
 and parents. Editable!

RECOMMENDED RE

"Oceans"

PICTURE BOOKS

A Day for Sandcastles (Lawson)
Hurricane (Rocco)
Flotsam (Wiesner)
No More Plastic (Fullerton)
Blue Floats Away (Jonker)
The Old Boat (Pumphrey and Pumphrey)
Off to Sea (Grimes)
Oona
The (
The (
My C
Clark the Scientist
Crab Cake (Tsurumi)
Shark Vs. Train (Barton)
Don't Worry, Little Crab (Haughton)
The Boy and the Whale (Gerstein)

K-2

ry(Cho)

INFORMATIONAL PICTURE BOOKS

Walrus Song (Lawler)
The Mysterious Sea Bunny (Raymundo)
The Shark Book (Jenkins)
Inky's Amazing Escape: How a Very Smart Octopus F
 (Montgomery)
See What a Seal Can Do (Butterworth)
The Sea Knows (McGinty)
Yoshi and the Ocean: A Sea Turtle's Incredible Jour
Shark Lady: The True Story of How Eugenie Clark E
Fearless Scientist (Keating)
Ocean Sunlight: How Tiny Plants Feed the Seas (E
Life in the Ocean: The Story of Oceanographer Sy
Ocean Speaks: How Marie Tharp Revealed The C
Whale Fall: Exploring an Ocean Floor Ecosystem
My First Big Book of the Ocean (Hughes)
Ocean Soup: A Recipe for You, Me, and a Clear

RECOMMENDED READS

"Ocean Biome"



Picture Books

Search for a Giant Squid (Forrester)
Behold the Octopus! (Slade)
No More Plastic (Fullerton)

The Ocean Calls: A Haenyeo Mermaid Story (Cho)
Shawn Loves Sharks (Manley)
Agatha May and the Anglerfish (Morrison)
The Specific Ocean (Maclear)

FICTION

Odder (Applegate)
A Whale of the Wild
Gone to Drift (McCa
The Aquanaut (Sant

3-6

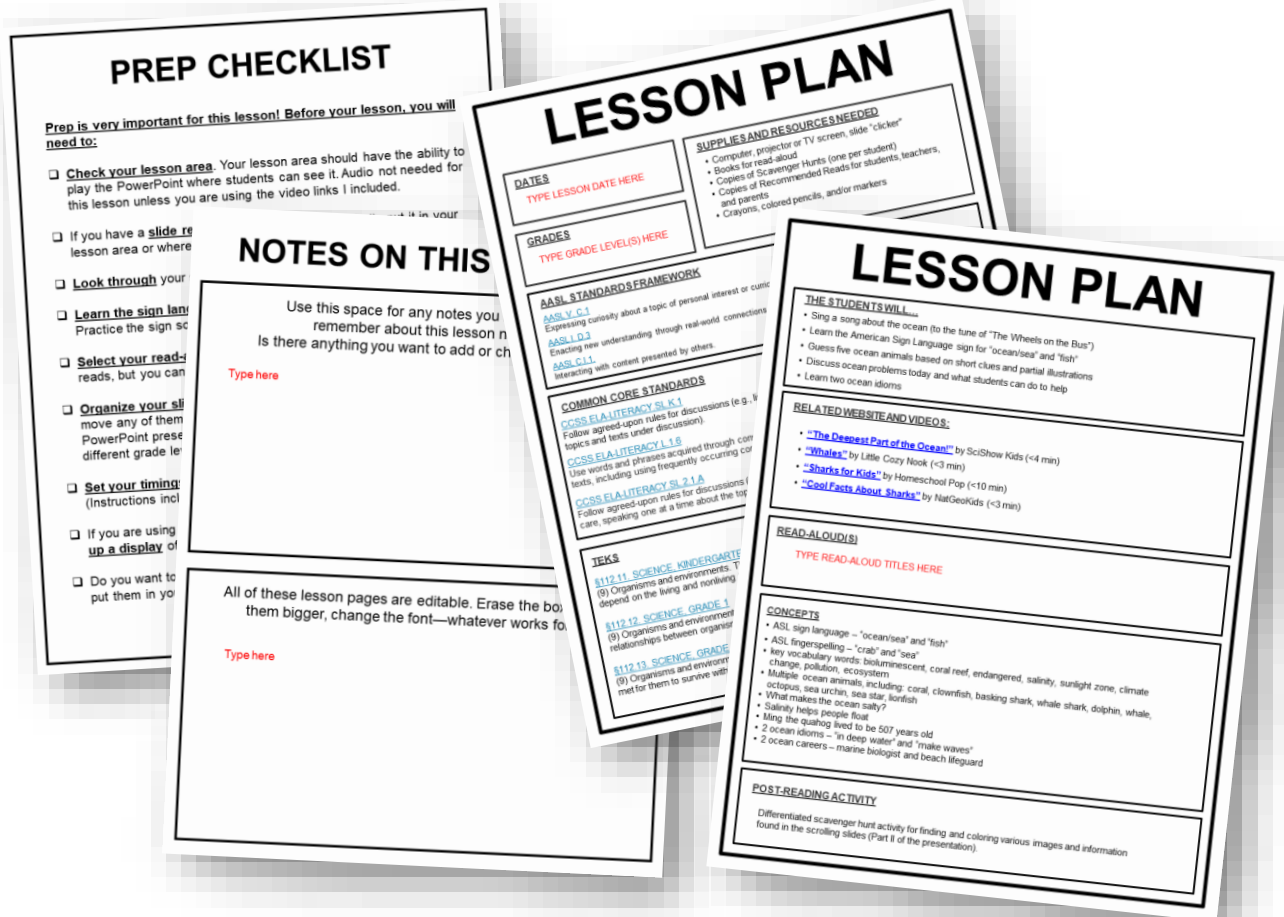
NONFICTION & BIOGRAPHY

Celia Planted a Garden (Root and Schmidt)
Yoshi and the Ocean: A Sea Turtle's Incredible Journey
Home (Moore)
The Tide Pool Waits (Fleming)
Good Eating: The Short Life of Krill (Lilley)
Walrus Song (Lawler)
The Shark Book (Jenkins)
Shark Lady: The True Story of How Eugenie Clark Became
the Ocean's Most Fearless Scientist (Keating)
Down, Down, Down (Jenkins)
Whale Fall Café (Sewell)
Life in Hot Water (Batten)
Solving the Puzzle Under the Sea (Burleigh)
Over and Under the Waves (Messner)
Otis and Will Discover the Deep (Rosenstock)



LESSON PLAN

Both lessons include an editable lesson plan template, aligned to AASL, CCSS, and TEKS standards.



MORE ELEMENTARY LIBRARY LESSONS:

INCLUDES GOOGLE™ SLIDES

LIBRARY STORYTIME

WHO IS WEARING BLUE TODAY?



blue jeans overalls hat blue shirt

GRADES PK-1

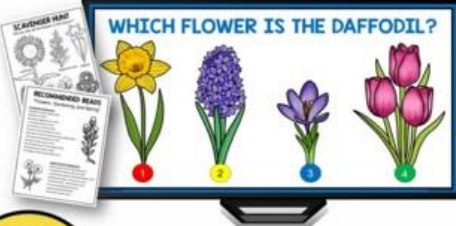
"The Color Blue"



INCLUDES GOOGLE™ SLIDES

LIBRARY STORYTIME

WHICH FLOWER IS THE DAFFODIL?



GRADES K-2


"Spring Flowers"



INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON


PICK A BRIDGE TO CROSS:



Rickety Ropes OR The Jaw Bridge

GRADES 2-5

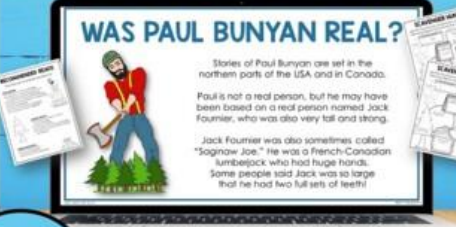
"Bridges"



INCLUDES GOOGLE™ SLIDES

LIBRARY LESSON TALL TALES

WAS PAUL BUNYAN REAL?



Stories of Paul Bunyan are set in the northern parts of the USA and in Canada. Paul is not a real person, but he may have been based on a real person named Jack Fournier, who was also very tall and strong. Jack Fournier was also sometimes called "Sagmore Joe." He was a French-Canadian lumberjack who had huge hands. Some people said Jack was so large that he had two full sets of teeth!

GRADES 2-4

"Paul Bunyan"

