



# ***Science and Math Through Literature***



Sylvan Dell Publishing





# Why Picture Books?

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- Children are pleasure seekers
- Not threatening
- Participative sport
- Trick them into learning
- Involve parents

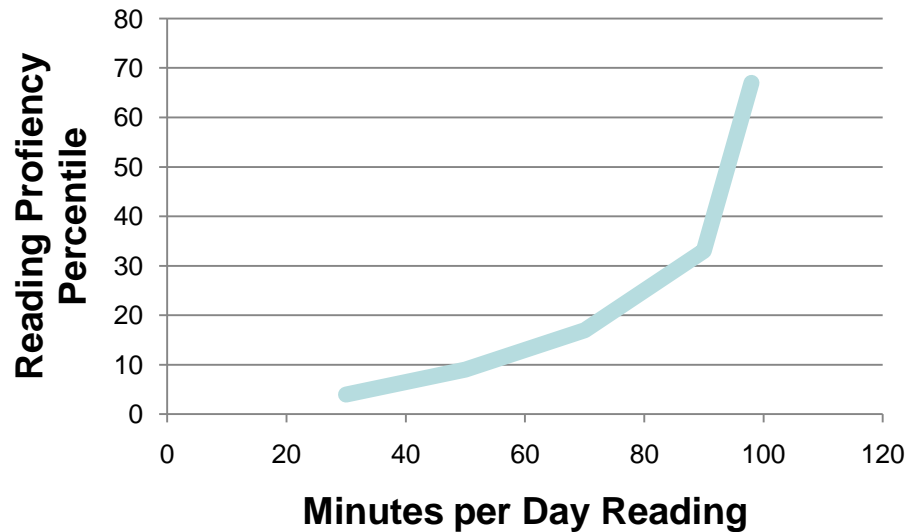


- Learn from the book
- Online Support
  - Multi-discipline, multi-curricular
  - Internet explosion



# Three Correlations

- Reading Fun to Reading Time
- Reading Time to Reading Proficiency



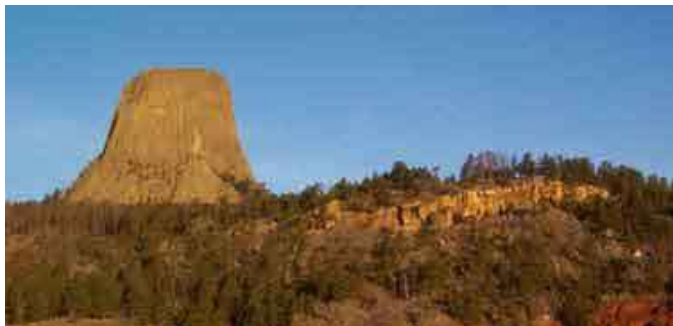
- Reading Proficiency to overall ability to learn Math, Science ... anything!



# Concept Origin

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## US National Parks Junior Ranger Programs







# Field Trips

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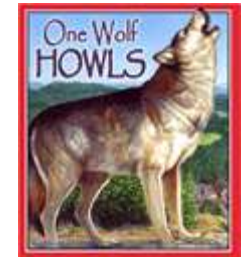
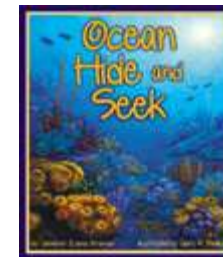
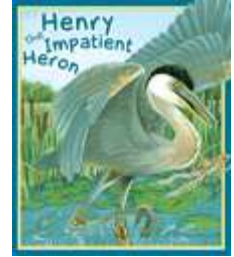
Heart Anatomy and Physiology features the "Giant Walk-Through Heart," originally built in 1954 as a temporary exhibit entitled "The Engine of Life."

- Aquariums & Zoos
- Discovery Museum
- Sciences Museums
- History Centers
- Space Camps





- 45 Titles & 11 more in 2010



- Hardcover & Paperback
- eBooks
- Site Licenses
- Stuffed Animals







# From the book itself

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- Reading Skills
  - Word association - realistic art
  - Speed and comprehension
- Story line and imagery
  - Entertain
  - Educate
  - Life Lessons
- For Creative Minds (education section)



# Entertain: *Burros Tortillas*

He called his friends. "Whinee aw ah aw. *Mis amigos—vengan aquí.*"

The bobcat, the coyote, and the jackrabbit came immediately.

"*Amigos*, look at all this wonderful corn!" said the burro. "Who will help me pick the corn so we can make *tortillas*?"

"*Yo no*," said the bobcat. "I'm too cool a cat to pick corn."

"*Yo no*," said the coyote. "I'm taking a coyo tea break."

"*Yo no*," said the jackrabbit. "I've really got to hop along."

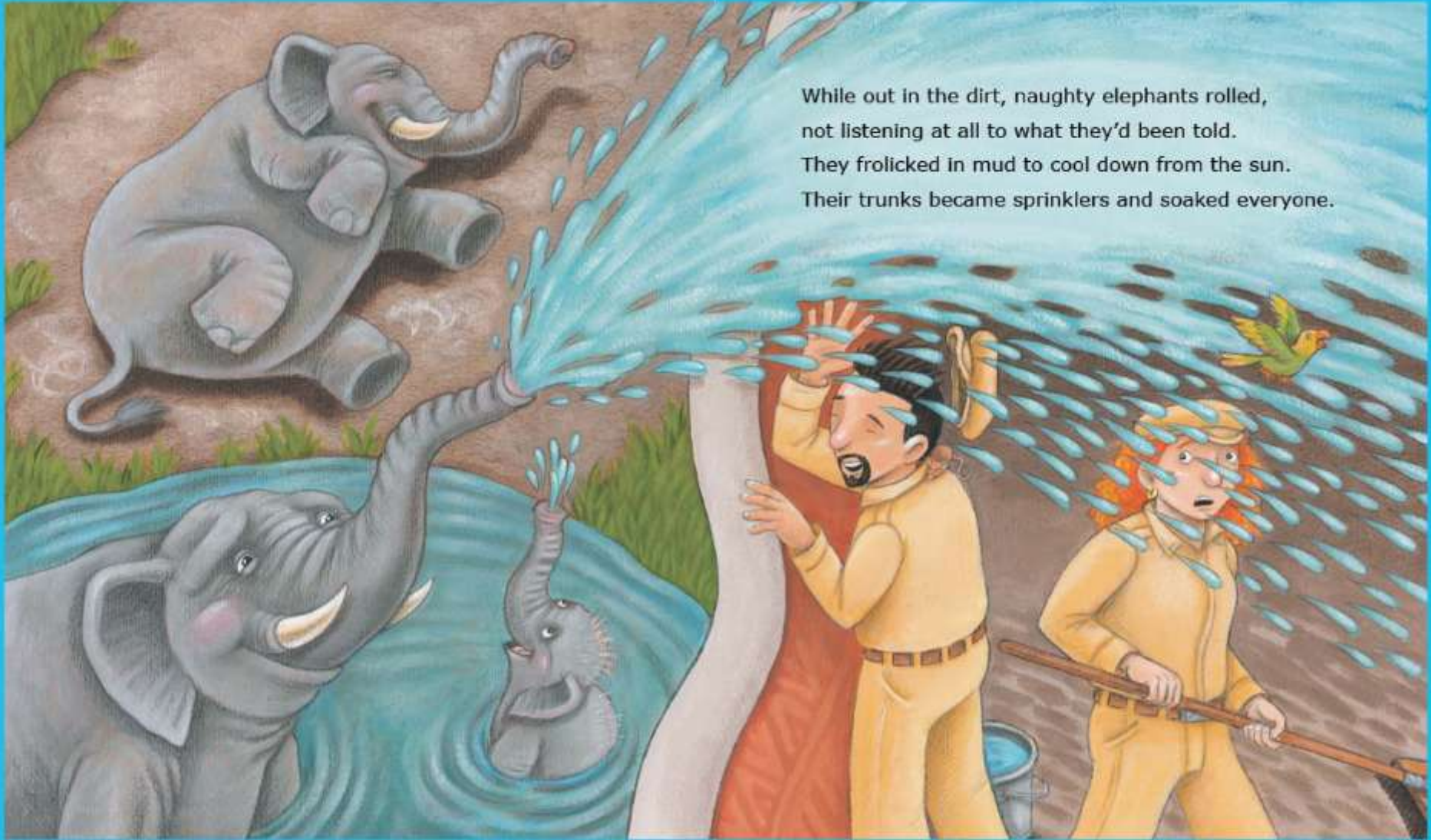






# Entertain: *Zoo Day*

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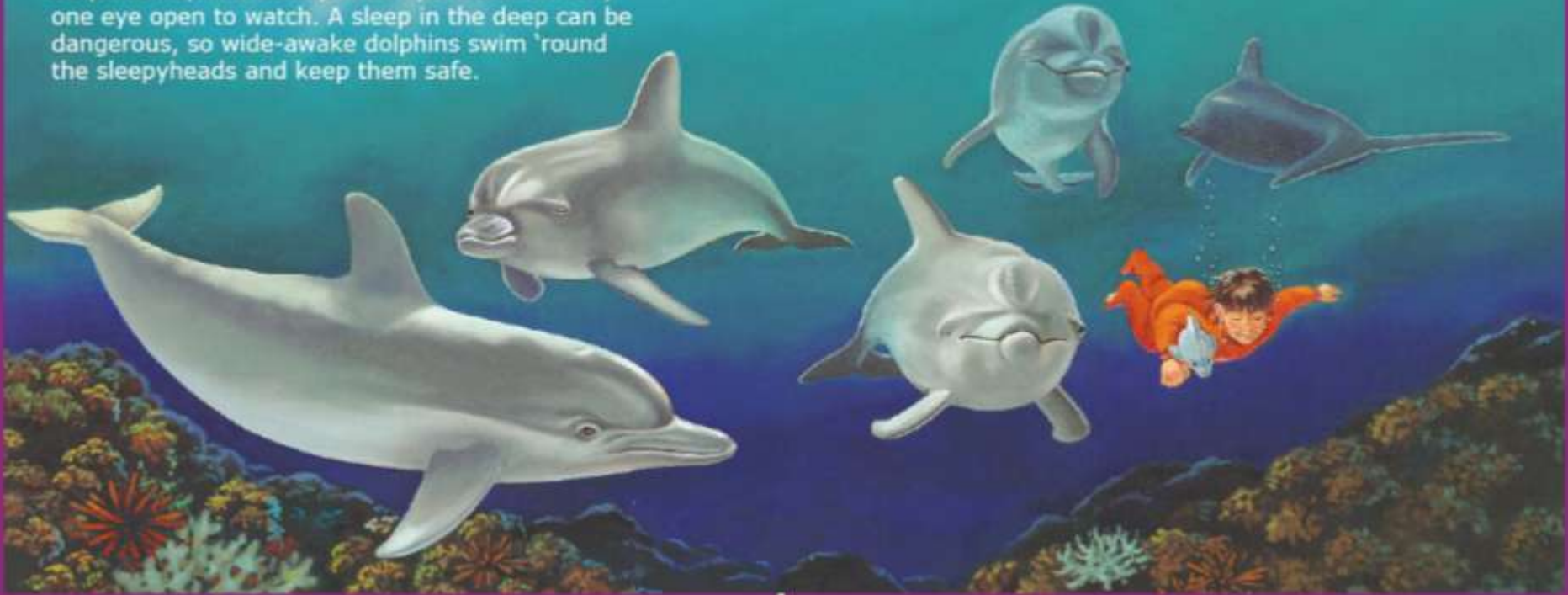
While out in the dirt, naughty elephants rolled,  
not listening at all to what they'd been told.  
They frolicked in mud to cool down from the sun.  
Their trunks became sprinklers and soaked everyone.



# Educate:

# *Water Beds*

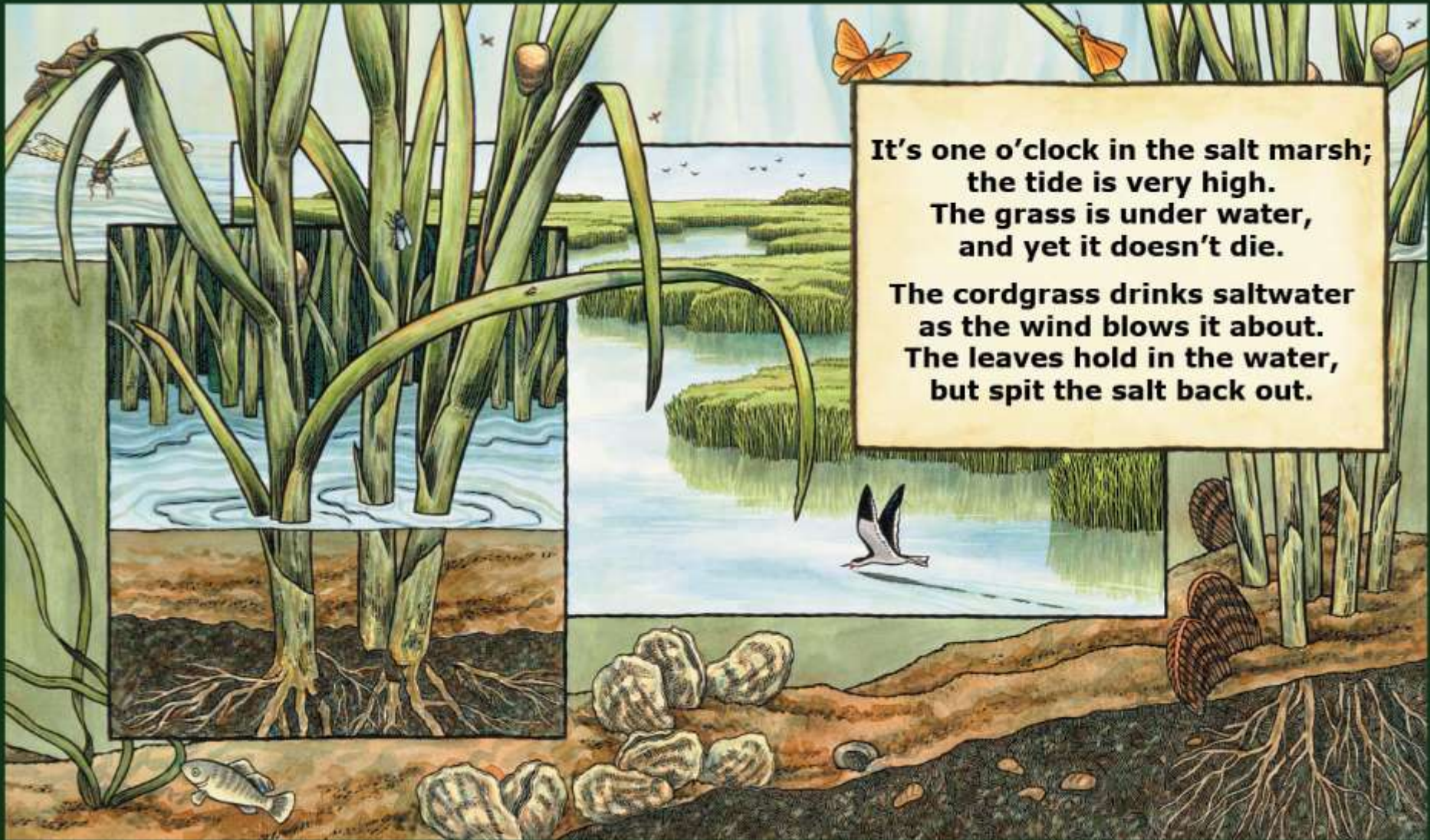
Dolphins nap half-asleep: one eye closed to rest, one eye open to watch. A sleep in the deep can be dangerous, so wide-awake dolphins swim 'round the sleepyheads and keep them safe.







# Educate: *A Day in the Salt Marsh*

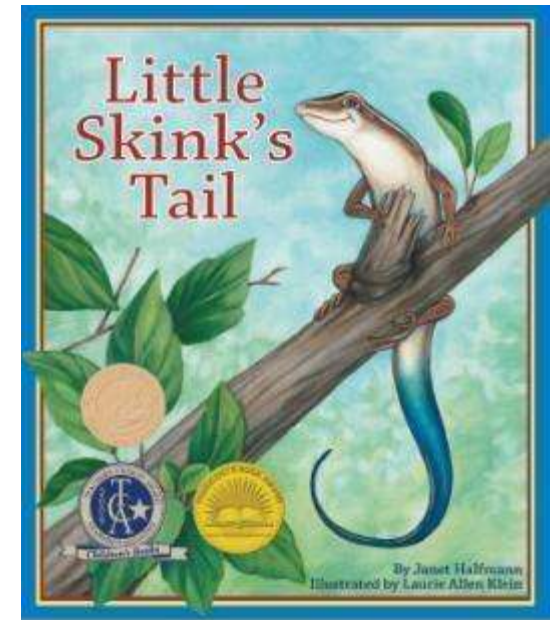
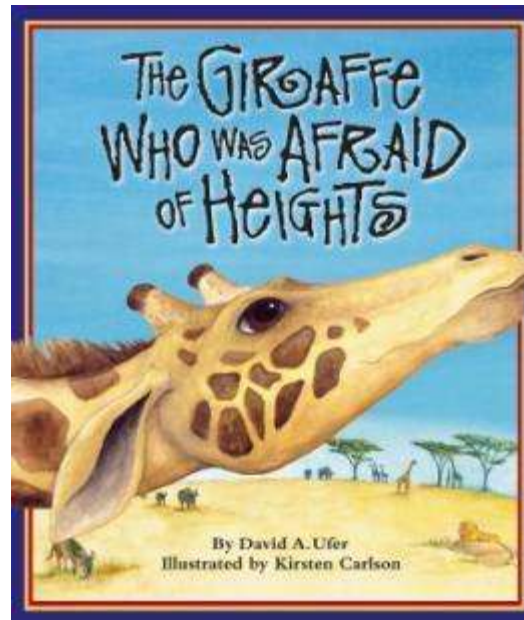
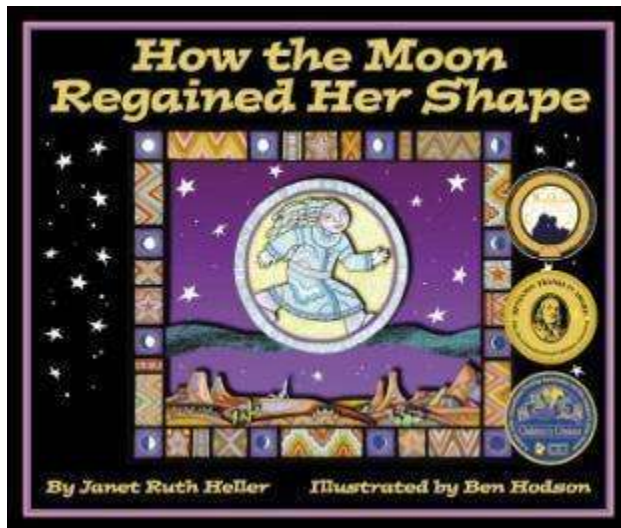


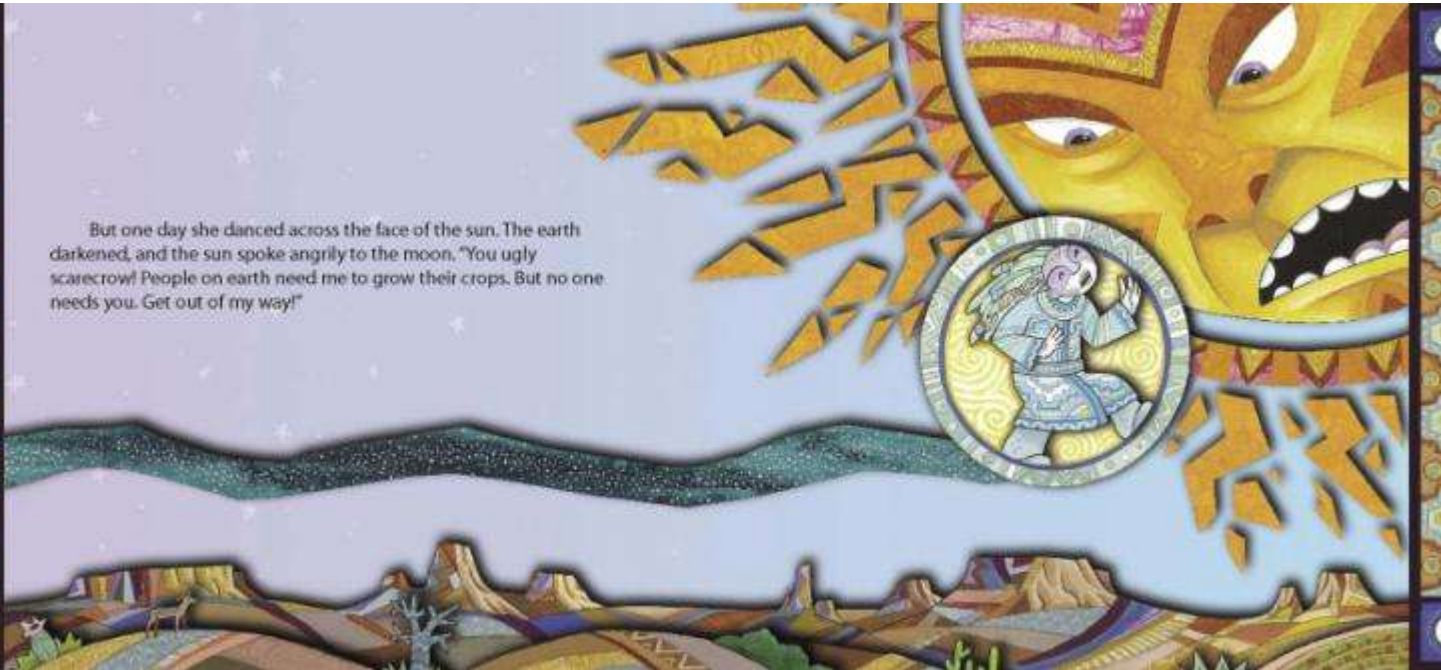




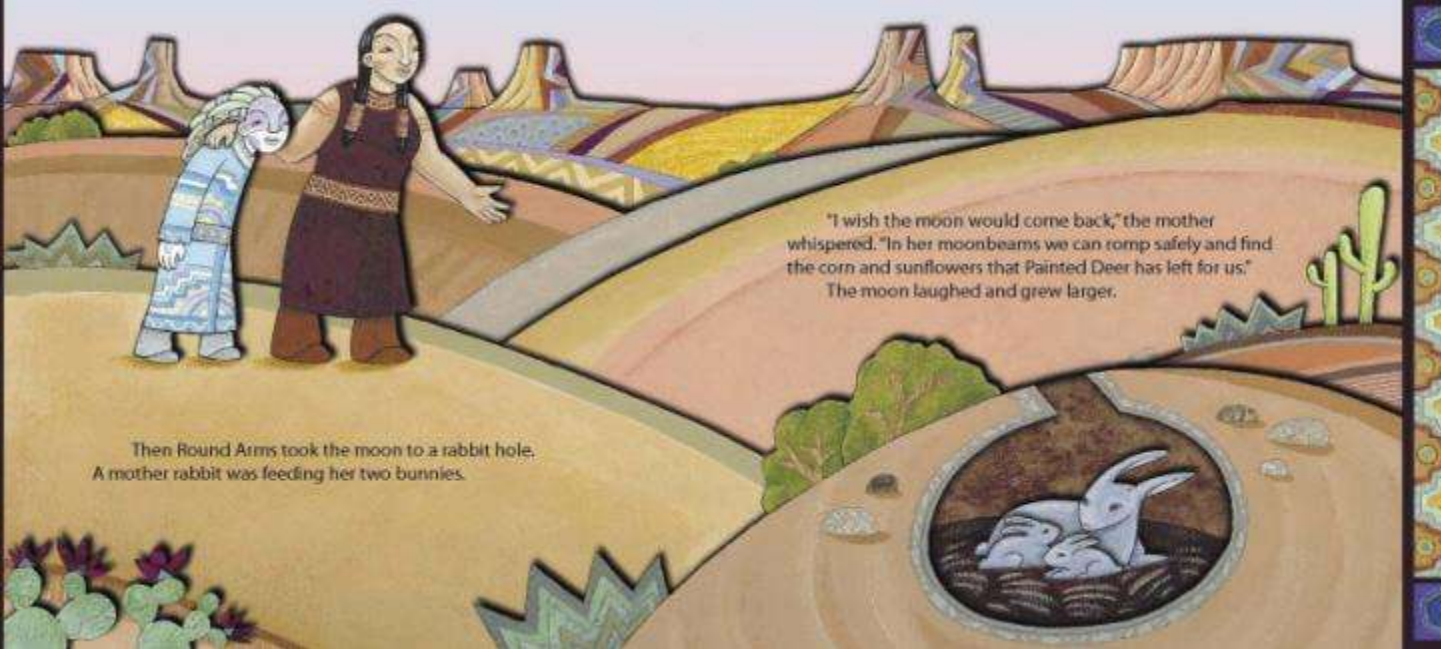
# Life Lessons

- Dealing with Bullies
- Overcoming fears
- Practice makes perfect
- Caring for nature
- Be a good friend
- Be happy with yourself
- New sibling
- Listen and follow directions
- Do the right things
- Respect for elders





But one day she danced across the face of the sun. The earth darkened, and the sun spoke angrily to the moon. "You ugly scarecrow! People on earth need me to grow their crops. But no one needs you. Get out of my way!"



Then Round Arms took the moon to a rabbit hole. A mother rabbit was feeding her two bunnies.

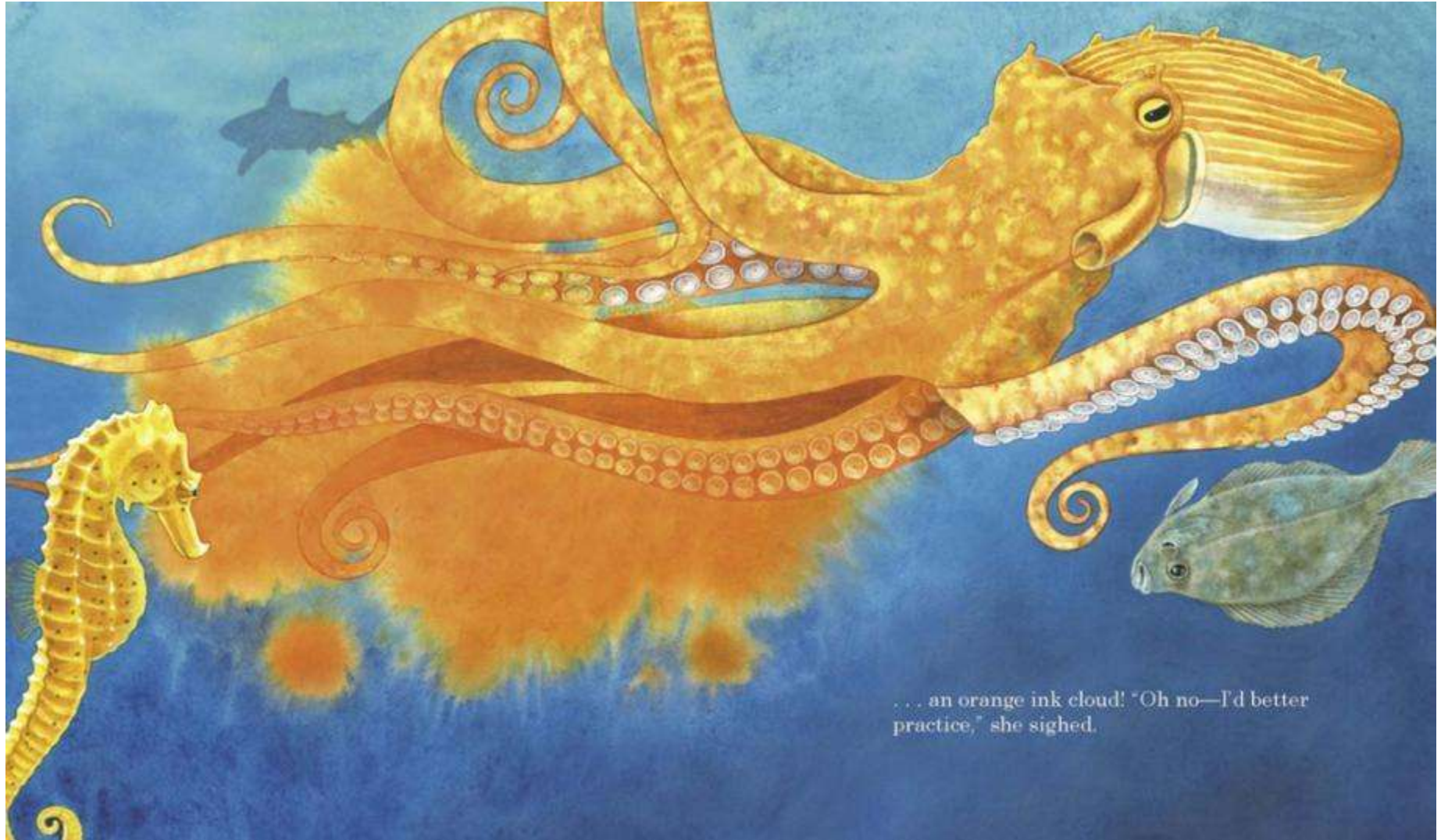
"I wish the moon would come back," the mother whispered. "In her moonbeams we can romp safely and find the corn and sunflowers that Painted Deer has left for us." The moon laughed and grew larger.





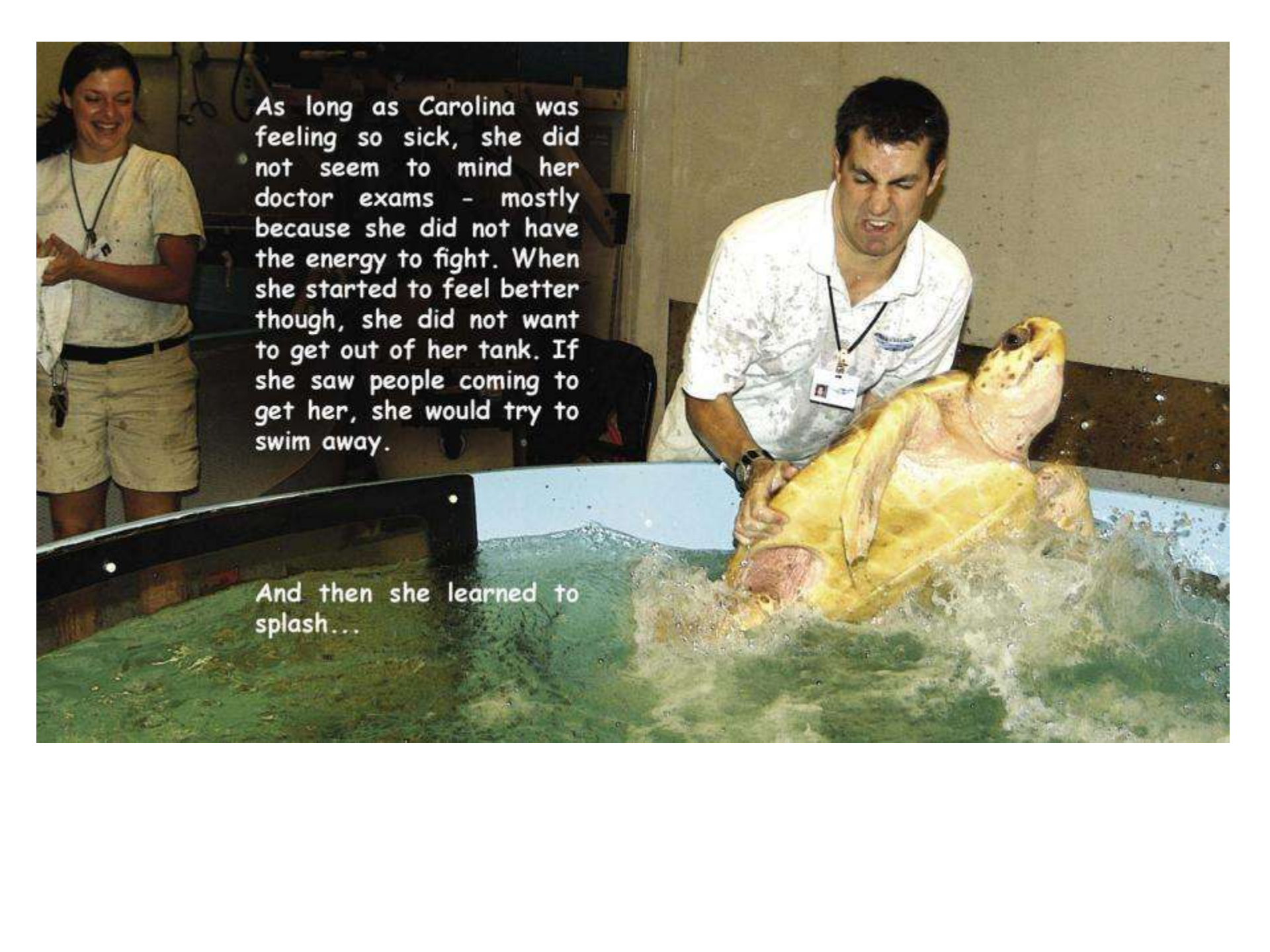
# Life Lesson: *Octavia*

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... an orange ink cloud! "Oh no—I'd better practice," she sighed.

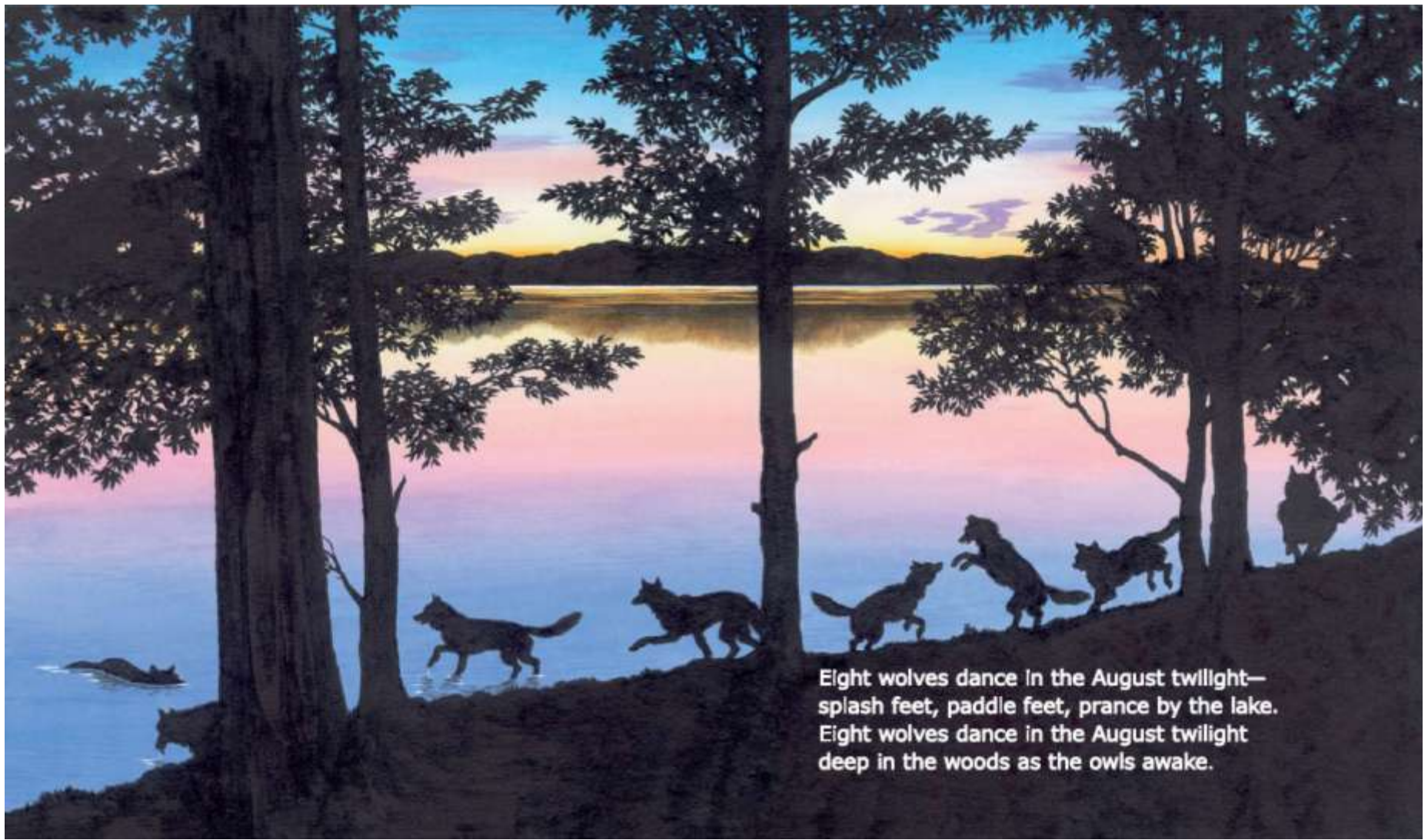


A photograph showing a man in a white polo shirt and a woman in a white t-shirt and khaki shorts standing next to a large blue tank. A large sea turtle is in the tank, splashing water. The man is holding the turtle's shell. The woman is smiling and looking at the turtle. The background is a plain wall.

As long as Carolina was feeling so sick, she did not seem to mind her doctor exams - mostly because she did not have the energy to fight. When she started to feel better though, she did not want to get out of her tank. If she saw people coming to get her, she would try to swim away.

And then she learned to splash...





Eight wolves dance in the August twilight—  
splash feet, paddle feet, prance by the lake.  
Eight wolves dance in the August twilight  
deep in the woods as the owls awake.



# For Creative Minds

## For Creative Minds

The "For Creative Minds" educational section may be photocopied or printed from our website by the owner of this book for educational, non-commercial uses. Additional "Learning Links" and cross-curricular "Teaching Activities" are also available online. Go to [www.SylvanDellPublishing.com](http://www.SylvanDellPublishing.com) and click on the book's cover to find all the links.

### Platypus Fun Facts

Wild platypuses are only found in  
**AUSTRALIA.**

They are mammals just like us, but they lay eggs (monotreme) instead of having live babies! The babies lap up milk that oozes from pores on the mother's stomach.

They live on the sides of rivers and lakes in burrows that are up to 50 feet long.

Because they spend so much time in the water, their front feet are webbed like a duck and the toes stretch into "paddles" for swimming. Their back feet are used to help steer and are only partly webbed.

Their fur is very thick to keep them dry and warm, even in cold water.

Their tails are long and flat to help them steer through the water.

When they are about four months old, they swim for the first time. Until then, they stay in their underground burrow.

They close their eyes and ears when they dive for food. If necessary, they can stay underwater for up to 10 minutes to hide from predators.



## Outback Animal Adaptation Activity

### a. Platypus (fur)

The duck-like bill is both a nose and mouth. This long, funny-looking bill is packed with thousands of sensors. They help the platypus find food by sensing any movement made by prey (worms and other little animals).



\_\_\_\_\_ 1.

### b. Brushtail Possum (fur)

These marsupials have prehensile tails that are used like hands to grab and hold onto things. They also have very sharp claws to hold onto tree branches. They eat leaves, flowers, fruits, and seeds.



\_\_\_\_\_ 2.

### c. Kookaburra (feathers)

Kookaburras are known for their loud, "laughing" call at dawn and dusk. They have claws facing forward and backward to help hold onto tree branches. They eat worms, bugs, and other small animals.



\_\_\_\_\_ 3.

### d. Wallaby (fur)

These marsupials use their tails to help balance. They also use their tails to steer when they jump forward. They eat a variety of plants.



\_\_\_\_\_ 4.

### e. Blue-Tongued Skink (scaly skin)

When scared, they open their mouths wide, and their bright blue tongues scare off predators. They eat both plants and small animals.



\_\_\_\_\_ 5.

### f. Bandicoot (fur)

These marsupials use their snouts to dig for food. They smell and hear very well but don't see very well. They eat both plants and small animals.



\_\_\_\_\_ 6.

Which animals are carnivores (meat eaters), herbivores (plant eaters), or omnivores (both plants and animals)? What are you?





# From the Internet

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- For Creative Minds
- Interactive Quizzes
- Teaching Activities
- Research related websites
- AR & Reading Counts
- Alignment to Standards
- Audiobooks
- Trailers
- Calendar
- eBooks



# Interactive Quizzes

- Home
- Online Store
- How to Order
- Authors / Illustrators
- Signings / Events
- Media Center
- Submissions
- Contact Us



## Henry the Impatient Heron

1. What type of animal is Henry?



- ☐ a bird
- ☐ a Great Blue Heron
- ☒ both of the above are true

2. Why were Henry's brother and sister upset with him?



- ☒ Henry stepped on their heads
- ☐ Henry made too many noises
- ☐ Henry slept all the time

3. What couldn't Henry do?

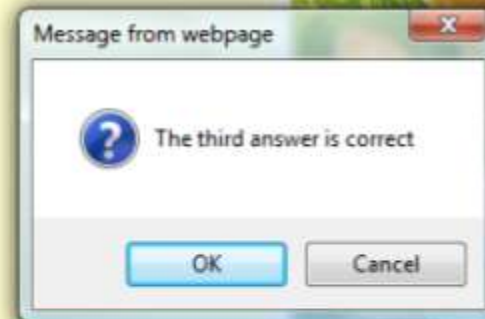


- ☐ fly
- ☒ be still
- ☐ be neat

4. How did Henry get separated from his family?



- ☐ He couldn't hear his mother calling him
- ☒ He followed some deer and got lost
- ☐ He followed a dragonfly and got lost





# Teaching Activities

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## Questions before & after reading the book

2

- Questions to ask before reading the book
- What do children already know? With charts
- After reading the book – writing prompts & thinking it through
- Comprehension questions
- Food for thought
- What do children already know activity conclusion

## Language Arts

7

- Developing a "word wall"
- Vocabulary game
- Putting it all together
- Suggested vocabulary list
- Silly sentence structure activity
- Sequencing sentence strips
- Word search

## Science

14

- Classifying animals
- Animal classification chart at class level (vertebrates)
- Activity or sorting cards
- Animal card games
- A day in the life of . . .
- Life cycle
- Adaptations
- Science journal
- Nature observation notebook
- Venn diagram

## Math

24

- Blackberry math

## Research & Geography

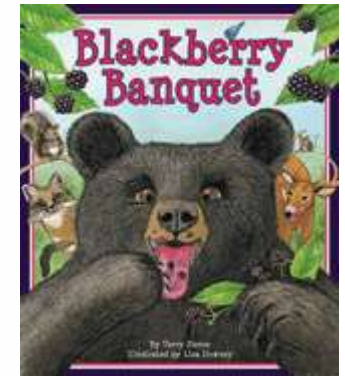
26

- Map identification/geography questions

## Other

27

- Coloring pages







# What Do the Children Already Know?

| <u>What do I think I know?</u>             | <u>Yes</u> | <u>No</u> | <u>Verified</u>                              |
|--|------------|-----------|--|
| What are some names used for baby animals? |            |           | Text<br>Illustration<br>Info in FCM<br>Other |
| What are some animals that eat plants?     |            |           | Text<br>Illustration<br>Info in FCM<br>Other |
| Is a peacock a male, female or either one? |            |           | Text<br>Illustration<br>Info in FCM<br>Other |
| What is a neonate?                         |            |           | Text<br>Illustration<br>Info in FCM<br>Other |



# After Reading Exercises

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**After reading the book – writing prompts & thinking it through**

- Did the cover “tell” you what the book was about?
- If not, how does the illustration on the front relate to the story?
- Draw your own cover.
- Write a song about the baby animals to the tune of “Happy Birthday to You.”
- Can you think of another title for the book?
- Did the illustrator include anything in the pictures that were not in the story or are there things hidden in the art? (red balloon)

**Re-read the book looking for more information**

Go back and re-read the book studying each page carefully.

- What, if any, facts are mentioned in the text or shown in the illustrations?
  - What are the pandas eating?
  - What are the elephants doing with their trunks?
  - What is an adult female peafowl called?
  - What is an adult male peafowl called?
  - What are some of the ways the monkeys are holding onto the tree branches?





# Vocabulary List

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## IN ARCTIC WATERS

### Suggested vocabulary list

#### Nouns

walrus  
Inuit (not  
Eskimo)  
seal  
beluga whale  
narwhal  
bird  
hunter  
fur  
blubber  
flukes

#### Verbs

paddling  
  
kayaking  
hunting  
flying  
swimming  
resting  
standing  
splashed  
cracked  
chase

#### Adjectives

white  
  
icy  
cold  
blue  
furry  
arctic  
small  
quick  
blubbery

#### Nouns

fins  
blow hole  
nose  
heavy clothes  
padded feet  
tusks  
flippers  
adaptations  
North Pole  
ice  
iceberg  
ice pack  
kayak  
permafrost  
migrate

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#### Verbs

circle  
float  
bounce  
hop  
stop

## Silly sentence structure activity

This is a fun activity that develops both an understanding of sentence structure and the science subject. Use words from the "word wall" to fill in the blanks. After completing silly sentences for fun, have children try to fill in the proper words by looking for the information in the book.

Like other owls, they are \_\_\_\_\_ <sup>adjective</sup>. That means they  
\_\_\_\_\_ <sup>verb</sup> at night and \_\_\_\_\_ <sup>verb</sup> during the day.

A few hours after eating, they \_\_\_\_\_ <sup>verb</sup> \_\_\_\_\_ <sup>noun</sup>  
of \_\_\_\_\_ <sup>noun</sup>, \_\_\_\_\_ <sup>noun</sup>, \_\_\_\_\_ <sup>noun</sup> and  
other undigested parts of their meals.

Sharp, curved \_\_\_\_\_ <sup>noun</sup>s (claws) are used to \_\_\_\_\_ <sup>verb</sup>  
\_\_\_\_\_ <sup>noun</sup>

They \_\_\_\_\_ <sup>noun</sup> small prey whole, but will \_\_\_\_\_ <sup>verb</sup> larger  
animals apart using their \_\_\_\_\_ <sup>noun</sup> and \_\_\_\_\_ <sup>noun</sup>.

Large, \_\_\_\_\_ <sup>adjective</sup> \_\_\_\_\_ <sup>noun</sup> help them to see at  
\_\_\_\_\_ <sup>noun</sup>.



## Word search

Find the hidden words. Even non-reading children can try to match letters to letters to find the words!  
Easy – words go up to down or left to right.

For older children, identify the coordinates of the first letter in each word (number, letter).

|    | A | B | C | D | E | F | G | H | I | J |
|----|---|---|---|---|---|---|---|---|---|---|
| 1  | A | Y | O | M | B | E | B | A | B | Y |
| 2  | T | S | B | O | Y | F | G | A | R | D |
| 3  | F | E | A | T | H | E | R | S | A | B |
| 4  | I | L | S | H | O | A | E | T | N | E |
| 5  | R | U | K | E | R | T | A | S | C | E |
| 6  | E | C | E | R | N | H | T | W | H | N |
| 7  | M | V | T | K | E | E | F | C | E | T |
| 8  | A | O | O | I | D | R | A | O | R | A |
| 9  | N | W | D | N | E | S | T | R | E | E |
| 10 | F | L | U | F | F | E | D | A | L | H |

\_\_\_, \_\_\_ GREAT  
\_\_\_, \_\_\_ BRANCHER  
\_\_\_, \_\_\_ FEATHERS  
\_\_\_, \_\_\_ FIREMAN

\_\_\_, \_\_\_ HORNED  
\_\_\_, \_\_\_ FLUFFED  
\_\_\_, \_\_\_ MOTHER  
\_\_\_, \_\_\_ BASKET

\_\_\_, \_\_\_ OWL  
\_\_\_, \_\_\_ TREE  
\_\_\_, \_\_\_ BABY  
\_\_\_, \_\_\_ NEST



adult



baby

(not to size)

### Great Horned Owl

Have you ever seen one of these animals in real life? ☐ yes ☐ no

If so, where did you see it? \_\_\_\_\_

What are the babies called? \_\_\_\_\_

How are the animals born? ☐ hatched from eggs ☐ born alive

How many brothers and sisters might be born at the same time? \_\_\_\_\_

How big is the baby (length, height, weight, etc.) when born? \_\_\_\_\_

Who raises the young: ☐ both parents ☐ mother only ☐ father only

☐ neither parent – the baby survives on pure instinct

What does the baby eat and for how long? \_\_\_\_\_

\_\_\_\_\_

How long will the babies stay with the parent (if parents are involved)? \_\_\_\_\_

When is the "baby" considered an adult? \_\_\_\_\_

How will it find a mate and have babies? \_\_\_\_\_

\_\_\_\_\_

Who prepares the nest/den/burrow and how (if applicable)? \_\_\_\_\_

\_\_\_\_\_



## Bottlenose Dolphin

*Tursiops truncatus*

Kingdom: Animal

Phylum: Chordata

Class: Mammal

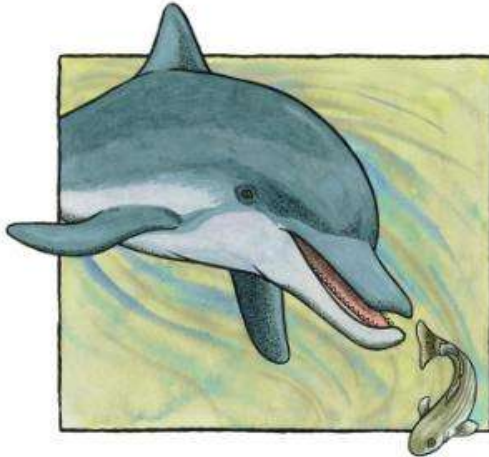
Prey:

fish

squid

Predators:

none



## Oysters

*Crassostrea Virginica*

Kingdom: Animal

Phylum: Mollusk

Class: Bivalve

Prey:

plankton

bacteria

Predators:

sea stars

moon snails

stingrays

oystercatchers

people



## Fiddler Crab

*Uca pugnax*

Kingdom: Animal

Phylum: Arthropod

Class: Crustacean

Prey:

algae

organic items in mud

Predators:

diamondback terrapins

raccoons

various shorebirds

fish

larger crabs



## Blue Crab

*Callinectes sapidus*

Kingdom: Animal

Phylum: Arthropod

Class: Crustacean

Prey:

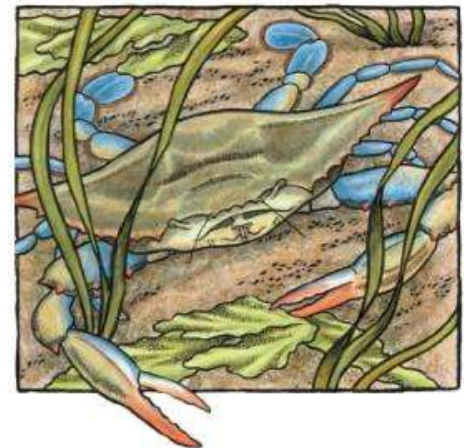
dead animals

Predators:

seagulls

herons

river otters



## Math

### Great Backyard Bird Count

#### Great Horned Owl (*Bubo virginianus*)

| State/Province   | 2009 | 2008 | 2007 | State/Province  | 2009  | 2008  | 2007  |
|------------------|------|------|------|-----------------|-------|-------|-------|
| Alabama          | 28   | 8    | 5    | Nevada          | 7     | 18    | 4     |
| Alaska           | 7    | 10   | 2    | New Brunswick   | 1     |       |       |
| Alberta          | 19   | 16   | 18   | New Hampshire   | 1     | 1     |       |
| Arizona          | 47   | 37   | 40   | New Jersey      | 21    | 14    | 19    |
| Arkansas         | 19   | 20   | 22   | New Mexico      | 11    | 16    | 13    |
| British Columbia | 18   | 23   | 6    | New York        | 45    | 29    | 27    |
| California       | 153  | 172  | 187  | North Carolina  | 44    | 39    | 35    |
| Colorado         | 64   | 47   | 30   | North Dakota    | 1     | 14    | 4     |
| Connecticut      | 13   | 20   | 17   | Nova Scotia     |       |       | 4     |
| Delaware         | 14   | 9    | 13   | Ohio            | 49    | 22    | 24    |
| Florida          | 91   | 91   | 59   | Oklahoma        | 15    | 20    | 9     |
| Georgia          | 66   | 50   | 37   | Ontario         | 12    | 11    | 10    |
| Idaho            | 42   | 57   | 33   | Oregon          | 47    | 37    | 27    |
| Illinois         | 40   | 45   | 27   | Pennsylvania    | 99    | 62    | 54    |
| Indiana          | 45   | 33   | 29   | Quebec          | 7     | 7     | 6     |
| Iowa             | 34   | 20   | 20   | Rhode Island    | 3     | 3     | 2     |
| Kansas           | 31   | 18   | 18   | Saskatchewan    | 6     | 6     | 16    |
| Kentucky         | 27   | 21   | 9    | South Carolina  | 16    | 17    | 26    |
| Louisiana        | 14   | 16   | 8    | South Dakota    | 24    | 9     | 9     |
| Maine            | 7    | 1    | 4    | Tennessee       | 16    | 31    | 16    |
| Manitoba         | 5    | 4    | 3    | Texas           | 100   | 61    | 79    |
| Maryland         | 35   | 19   | 23   | Utah            | 13    | 20    | 16    |
| Massachusetts    | 14   | 5    | 14   | Vermont         | 3     | 4     | 1     |
| Michigan         | 34   | 19   | 19   | Virginia        | 41    | 40    | 15    |
| Minnesota        | 44   | 43   | 19   | Washington      | 96    | 68    | 31    |
| Mississippi      | 8    | 13   | 25   | West Virginia   | 4     | 2     | 3     |
| Missouri         | 28   | 22   | 29   | Wisconsin       | 89    | 52    | 56    |
| Montana          | 63   | 51   | 35   | Wyoming         | 22    | 3     | 18    |
| Nebraska         | 25   | 24   | 31   | Yukon Territory |       |       | 1     |
| total            |      |      |      |                 | 1,828 | 1,520 | 1,307 |

How many Great Horned Owls were reported for the state/province in which you live in 2009?

In which of the three years were the most Great Horned Owls reported in your state/province?

In which of the three years were the least Great Horned Owls reported in your state/province?

Which state/province had the highest number of Great Horned Owls reported in 2009?

Which state/province had the highest number of Great Horned Owls reported in 2008?

Which state/province had the highest number of Great Horned Owls reported in 2007?

Which state/province had the lowest number of Great Horned Owls reported in 2009?

Which state/province had the lowest number of Great Horned Owls reported in 2008?

Which state/province had the lowest number of Great Horned Owls reported in 2007?





5 elephants

+



6 zebras

=

\_\_\_\_\_ animals



3 giraffes

+



5 elephants

=

\_\_\_\_\_ animals



4 llamas

+



2 meerkats

=

\_\_\_\_\_ animals



2 meerkats

+



1 flamingo

=

\_\_\_\_\_ animals



1 flamingo

+



3 giraffes

=

\_\_\_\_\_ animals



6 zebras

+



4 llamas

=

\_\_\_\_\_ animals

## Geography – Gray Wolves

Distribution of the wolf *Canis lupus* in North America

- ▨ Present range
- Former range
- ▤ Former range of the red wolf *C. rufus*



from Hinterland Who's Who: <http://www.hww.ca/hww2.asp?id=107#sid>

Current Gray Wolf Range and Southwest Recovery Area



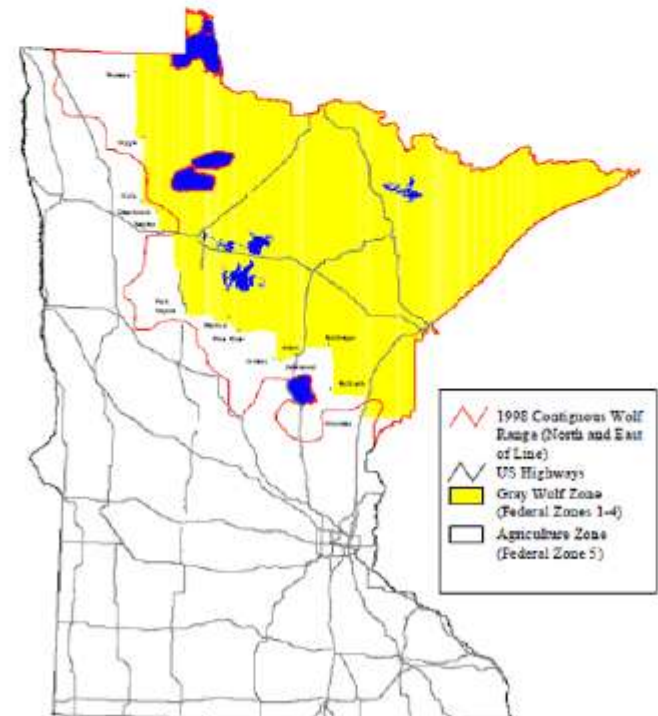
Maps from: <http://www.fws.gov/midwest/wolf/population/range.htm>

Year Round Gray Wolf Range in Montana (in purple)



from MT Gray Wolf Field Guide: [http://fieldguide.mt.gov/detail\\_AMAJA01030.aspx](http://fieldguide.mt.gov/detail_AMAJA01030.aspx)

Gray Wolf Range in Minnesota



from MN DNR: <http://www.dnr.state.mn.us/mammals/wolves/mgmt.html>



Black Billed Magpie



Killdeer



Whip-poor-will



Brewer's Blackbird





# Character

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- Trustworthiness
- Respect
- Responsibility: Do what you are supposed to do
- Fairness
- Caring about others/Citizenship
- Persevere: keep on trying!
- Always do your best
- Use self-control
- Be self-disciplined
- Think before you act — consider the consequences
- Be accountable for your choices

# Character

## self discipline, hard work, and perseverance:

- *In this story, Burro kept working. Do you think he wanted to play and take a nap like his friends?*
- *Looking at the pictures of Burro working, do you think Burro was having as much fun as his friends?*
- *Do you think it was easy for Burro to keep working even though his friends were playing?*

## responsibility: Do what you are supposed to do even if your friends don't

- *Do you think Burro was being responsible by working while his friends played or slept? What other behavior choices could Burro have made?*
- *What would have happened if Burro decided to play and sleep instead of work?*

## be accountable for your choices:

- *Did Burro receive the rewards for his hard work?*
- *Did bobcat, coyote, and jackrabbit earn the rewards of hard work? Why or why not?*
- *Do you think Burro should have shared the tortillas with his friends? Why or why not?*

## personal connection:

- *What would happen if your mom or dad (or another loving adult in your life) decided they didn't feel like making you dinner but watched TV instead?*
- *How would you feel? Would you get hungry?*
- *Do you think they always want to make you dinner or food?*
- *What are some things that you can do to help at home or at school?*
- *Which of the animals would you want as a friend?*

# Julie the Rockhound Bingo

| Term                 | Definition   |
|----------------------|--|
| sedimentary          | rock made from layers of sediment  |
| igneous              | rock made from hot, liquid rock  |
| magma                | hot, liquid rock below the earth's surface   |
| lava                 | hot, liquid rock above the surface   |
| metamorphic          | means "changed," a type of rock made by heat or pressure from other types of rocks                         |
| limestone            | a type of sedimentary rock   |
| granite              | a type of igneous rock   |
| obsidian             | a type of volcanic "glass" (lava that has cooled into "glass.")  |
| marble               | a metamorphic rock made from limestone and pressure  |
| Moh's Hardness Scale | one of the ways that scientists determine the type of mineral: what does it scratch and what scratches it? |
| luster               | whether the mineral is shiny or dull, one of the ways used to tell what type of mineral it is              |
| mineral              | a natural solid that has its own chemical make up and crystal structure                                    |
| silver and gold      | types of metal ores, often used for jewelry  |
| quartz               | one of the most abundant minerals on earth; the mineral that Julie found                                   |





# Related Websites

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## Baby Owl's Rescue

### Related Websites

#### Great Horned Owls:

All About Birds: Cornell  
Carolina Raptor Center  
Desert USA  
National Geographic  
Nature Works (NHPTV)  
Owl Pages

#### Owl Rehabbers:

##### How to locate a wildlife rehabilitator

Havasu Wildlife Rehabilitation Center  
Desert Cry Wildlife, Inc.  
Hungry Owl Project  
Wild Care Bay Area  
Horizon Wings Raptor Rehabilitation  
Back to the Wild Rehab  
Tri-State Bird Rescue & Research  
Audubon Center for Birds of Prey  
Avian Reconditioning Center  
The Falcon Batchelor Bird of Prey Center (Miami Science Museum)  
Institute of Wildlife Sciences  
HawkTalk, Inc.  
Flint Creek Wildlife Rehabilitation  
Eagle Valley Raptor Center  
Heckhaven Wildlife Rehabilitatin Center  
Owl Stuff  
Silver Lair Sanctuary





# AR & Reading Counts

| Title                                       | Lexile     |       | Accelerated Reader | Reading Counts | Fountas and Pinnell |
|---|------------|-------|--------------------|----------------|---------------------|
|   | Code (FAQ) | Level |                    |                |                     |
| ABC Safari                                  | AD         | 860   | 5.0                | 4.8            | -                   |
| Animals Are Sleeping                        | BR         | -     | -                  | 2.3            | -                   |
| Baby Owl's Rescue                           | AD         | 900   | -                  | -              | -                   |
| Best Nest, The                              | AD         | 830   | 4.1                | 1.3            | -                   |
| Blackberry Banquet                          | NC         | 680   | -                  | 3.6            | -                   |
| Burro's Tortillas                           | -          | 540   | 3.0                | 2.8            | -                   |
| Carolina's Story: Sea Turtles Get Sick Too! | -          | 700   | 3.6                | 3.9            | -                   |
| Christmas Eve Blizzard                      | -          | 610   | 3.1                | 3.3            | -                   |
| Count Down to Fall                          | AD         | 1070  | 3.5                | -              | -                   |
| Day In The Salt Marsh, A                    | -          | 730   | 5.4                | 3.8            | -                   |
| Giraffe Who Was Afraid of Heights, The      | AD         | 740   | 3.7                | 4.1            | -                   |
| Happy Birthday to Whooo?                    | AD         | 910   | 3.7                | 5.9            | -                   |
| Henry the Impatient Heron                   | AD         | 760   | 4.4                | 3.6            | -                   |
| How the Moon Regained Her Shape             | -          | 660   | 3.4                | 3.5            | -                   |
| If A Dolphin Were A Fish                    | AD         | 730   | 3.1                | 4.1            | -                   |
| If You Were a Parrot                        | AD         | 640   | 3.5                | 3.4            | -                   |
| In Arctic Waters                            | NP         | -     | -                  | 3.1            | -                   |
| In My Backyard                              | AD         | 820   | 4.2                | 4.7            | -                   |
| Julie The Rockhound                         | -          | 540   | 3.0                | 2.8            | -                   |
| Kersplatypus                                | -          | 510   | 3.2                | 2.8            | -                   |





# Aligned to Standards

**Titles by Standard.** Try our new **Searchable Database...** Lesson planning made easy!!

## Standards by Title

|                      |               |                |                |
|----------------------|---------------|----------------|----------------|
| Alabama              | Illinois      | Montana        | Rhode Island   |
| Alaska               | Indiana       | Nebraska       | South Carolina |
| Arizona              | Iowa          | Nevada         | South Dakota   |
| Arkansas             | Kansas        | New Hampshire  | Tennessee      |
| California           | Kentucky      | New Jersey     | Texas          |
| Colorado             | Louisiana     | New Mexico     | Utah           |
| Connecticut          | Maine         | New York       | Vermont        |
| District of Columbia | Maryland      | North Carolina | Virginia       |
| Delaware             | Massachusetts | North Dakota   | Washington     |
| Florida              | Michigan      | Ohio           | West Virginia  |
| Georgia              | Minnesota     | Oklahoma       | Wisconsin      |
| Hawaii               | Mississippi   | Oregon         | Wyoming        |
| Idaho                | Missouri      | Pennsylvania   |                |

National Standards

North American Association for Environmental Educators (NAAEE)





# More Resources

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- AudioBooks



Listen to all 45 titles in  
English *and* Spanish  
(Free Online!)

- Celebration Day Calendar
- Trailers

# October

|            |   |   |
|------------|---|---|
| October    | National Book Month                     |   |
| October    | National Collector's Month              | <b>Books:</b> <ul style="list-style-type: none"> <li>Sort it Out!</li> </ul> <b>Free Activities:</b> <ul style="list-style-type: none"> <li>Hidden Picture / Sorting, Categorizing, and Classifying / Scientists Sort Things Into Groups Too / Packy's Sorting Cards / Writing Connection</li> </ul>  |
| Oct. 4-10  | World Space Week                        | <b>Books:</b> <ul style="list-style-type: none"> <li>How the Moon Regained Her Shape</li> <li>Pieces of Another World</li> <li>Saturn for My Birthday</li> </ul> <b>Free Activities:</b> <ul style="list-style-type: none"> <li>Moon Observation Fun Facts / Native American Moon Names / Lunar Calendar / Moon Phases Graphics / How to Deal with Bullies</li> <li>Comet &amp; Space Fun Facts / Meteor Math Game / Meteor Watching Party Checklist / Recipe for Comet Cookies</li> <li>Solar System Fun Facts / Saturn Fun Facts / Recipe for Edible Rings of Saturn</li> </ul> |
| Oct. 5-11  | Get Organized Week                      | <b>Books:</b> <ul style="list-style-type: none"> <li>Sort it Out!</li> </ul> <b>Activities:</b> <ul style="list-style-type: none"> <li>Hidden Picture / Sorting, Categorizing, and Classifying / Scientists Sort Things Into Groups Too / Packy's Sorting Cards / Writing Connection</li> </ul>   |
| Oct. 8     | Cephalopod Awareness Day (Octopus Day!) | <b>Books:</b> <ul style="list-style-type: none"> <li>Octavia and Her Purple Ink Cloud</li> </ul> <b>Free Activities:</b> <ul style="list-style-type: none"> <li>Animal Camouflage &amp; Protection / Octopus Fun Facts / Coloring Activity</li> </ul>   |
| Oct. 11-17 | Earth Science Week                      |   |
| Oct. 12-18 | World Rainforest Week                   | <b>Books:</b> <ul style="list-style-type: none"> <li>The Rainforest Grew All Around</li> </ul>  |



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## Trailers on YouTube.com

Best Nest, The  
Blackberry Banquet  
Burro's Tortillas  
Count Down to Fall

Kersplatypus  
One Wolf Howls  
Rainforest Grew All Around  
River Beds

Saturn  
Turtle Summer

Click trailer image on far right to play trailer on youtube.com. Click on cover image to view book homepage



Doris Mueller  
Author  
St Louis Area



Sherry Neidigh  
Illustrator  
Greenville, SC Area



Terry Pierce  
Author  
N of Los Angeles



Lisa Downey  
Illustrator  
Charleston Area







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- English & Spanish Text & Audio



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