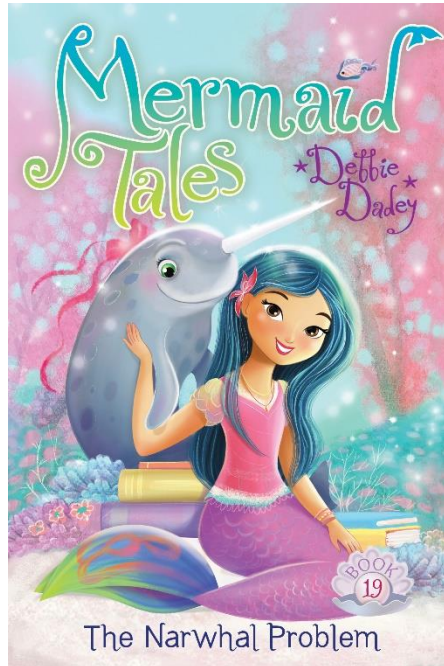


# Mermaid Tales

## A Teaching Unit



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[www.debbiedadey.com](http://www.debbiedadey.com) and [www.facebook.com/debbiedadey](https://www.facebook.com/debbiedadey)

Other books in the Mermaid Tales series include (also available in hardback and digital):

Trouble at Trident Academy *ISBN-13: 978-1442429802*

Battle of the Best Friends *ISBN-13: 978-1442429826*

A Whale of a Tale *ISBN-13: 978-1442429840*

Danger in the Deep Blue Sea *ISBN-13: 978-1442429864*

The Lost Princess *ISBN-13: 978-1442482579*

The Secret Sea Horse *ISBN-13: 978-1442482609*

Dream of the Blue Turtle *ISBN-13: 978-1442482630*

Treasure in Trident City *ISBN-13: 978-1442482661*

A Tale of Two Sisters *ISBN-13: 978-1481402576*

The Polar Bear Express *ISBN-13: 978-1481402606*

Wish Upon a Starfish *ISBN-13: 978-1481402637*

The Crook and the Crown *ISBN-13: 978-1481440752*

Twist and Shout *ISBN-13: 978-1481440783-*

Books vs Looks *ISBN-13: 978-1481440813*

Flower Girl Dreams *ISBN-13: 978-1481440851*

Ready, Set, Goal! *ISBN-13: 978-1481487085*

Fairy Chase *ISBN-13 978-1481487115*

The Narwhal Problem was originally published in June 2019 by Simon and Schuster *ISBN 978-1481487146*

Illustrations by Tatevik Avakyan

# Mermaid Tales

## THE NARWHAL PROBLEM

### Book Summary:

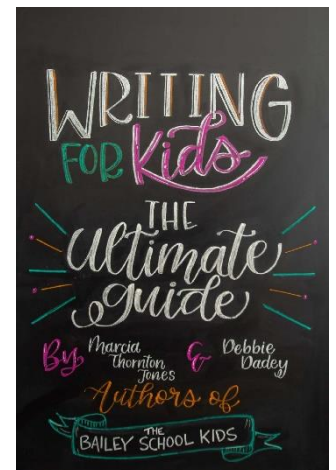
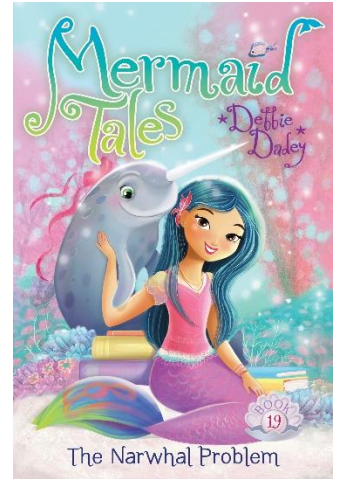
A narwhal is visiting Trident City. One merstudent will get to be the narwhal's buddy for the day. Kiki wants more than anything to be that merstudent, but there's a problem. She has to win a code contest and she's never even seen a code before!

### Meet the author:

Debbie Dadey is the author and co-author of 165 children's books, including **The Mermaid Tales** and **The Adventures of the Bailey School Kids** books. A former librarian and teacher, Debbie and her husband, Eric, live in Tennessee with a little black dog and a big brown dog. One of her other books is about writing for children, she wrote it with her friend Marcia T. Jones. **Writing for Kids The Ultimate Guide** is available exclusively on Amazon. Find out more about her at [www.debbiedadey.com](http://www.debbiedadey.com) and [www.Facebook.com/debbiedadey](http://www.Facebook.com/debbiedadey). You can also find Debbie on Twitter and Pinterest. She would love to visit or Skype with your classroom.



Photo credit to Portrait Innovations



# Mermaid Tales

## DEBBIE DADEY BOOKLIST

Here is a selected list of books by Debbie Dadey. For a complete list of titles visit [www.debbiedadey.com](http://www.debbiedadey.com)

Vampires Don't Wear Polka Dots

Buffalo Bill and The Pony Express

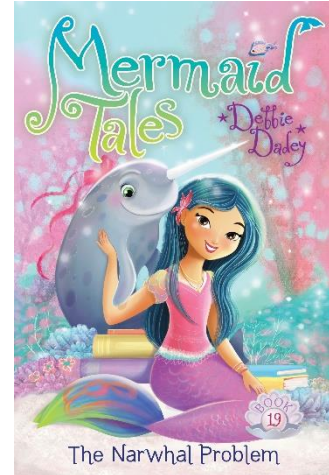
Slime Wars

The Keyholder series

Marty the Mudwrestler (now as an ebook)

Dracula Doesn't Drink Lemonade

Shooting Star Annie Oakley the Legend

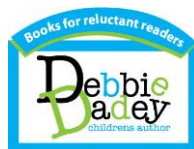


**Pre-reading activities:** Before reading **The Narwhal Problem** complete some or all of the activities below to peak interest in the story; as well as increasing comprehension, reading, and predicting skills. The next two pages have pre-reading activities to try as well.

1. Bring whale books into the classroom and challenge students to find out which whale is the largest and the smallest. Let students pick their favorite.
2. Ask students where they think whales live. Discuss what a whale's habitat might be like. Could they live in the desert? In the woods?
3. Challenge students to learn about a type of code or cipher to share with their class. You may wish to use the following form.
4. Challenge students to give classmates a cipher to figure out. They must give a key and it must be appropriate! You can post one a day.

CCSS.ELA-LITERACY.CCRA.W.2

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book illustrations by Tatevik Avakyan

# Mermaid Tales

## THE NARWHAL PROBLEM

Pre-reading activity/research

Name:	Date:	
-------	-------	---

Find four interesting facts about whales and write them here:	Fact one:	Fact two:	Fact three:	Fact four:
Write the names of the books where you found the interesting facts here:	Book title:  Author:	Book title:  Author:	Book title:  Author:	Book title:  Author:

### WHAT FACT DID YOU FIND MOST INTERESTING?

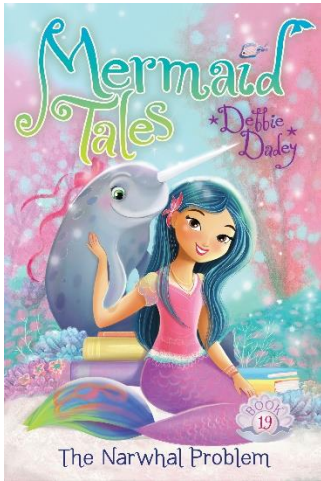
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E/LA COMMON CORE STANDARDS FOR READING GRADE 3 RI.3.5

ANSWERS WILL VARY.



# Mermaid Tales

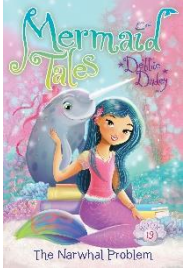
## THE NARWHAL PROBLEM Pre-reading activity

In the past letters were sent in a code to avoid someone learning a secret message. Sometimes numbers or symbols stood for letters. Today, computer and phone users can rely on encrypted codes to keep details of emails secret. Create a secret (appropriate) message to share with your class using the code below. Use the back to make up your own code for your friends to figure out. Don't forget to make a key.

Use this space to write your secret code, **using the number one to stand for the letter a**. If this is too tricky, look at the chart in chapter five.

[CCSS.ELA-Literacy.RL.3.10](https://www.illustrations.com/CCSS.ELA-Literacy.RL.3.10)

Answers will vary



# Mermaid Tales

## THE NARWHAL PROBLEM

Pre-reading activity

New words To Learn for The Narwhal Problem

### Chapter 1

conservatory	Calypso	university
preservation	ordinary	scientist

### Chapter 2 and 3

squished	Pinocchio	cipher
porpoise	information	languages

### Chapter 4 and 5

pillars	hunched	tentacles
cryptology	catastrophe	solving

### Chapter 6 and 7

symbiotic relationships	honesty	chatter
participate	judging	endangered

### Chapter 8 – 11

whooshed	curtsy	tilted	grouchiness	icky
grant	slender	species	dorms	algae
request	auditorium	embarrassed	polluting	Arctic Ocean

[CCSS.ELA-Literacy.L.3.4](https://www.debbiedadey.com)

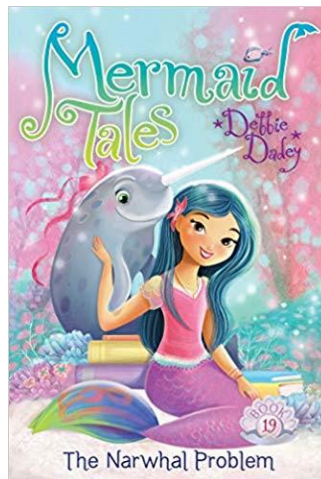
E/LA Common Core Standards for Reading Grade 3 RL.3.4

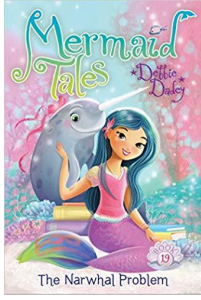
# Mermaid Tales

## FUN WAYS TO LEARN VOCABULARY WORDS FOR THE NARWHAL PROBLEM

- Fill a tray with colored sand and let students practice writing the vocabulary words with their fingers in the sand.
- Let students design their own whales and put a vocabulary word on each one. Use them to decorate the classroom door. Upon entering the room students must touch a whale and say a word.
- Encourage students to write a silly story with as many of the vocabulary words as possible.
- Use the free comic strip form available at <https://thisreadingmama.com/vocabulary-words-comic-strip/>.

[CCSS.ELA-Literacy.L.3.4](#)





# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 1/marine biology and comprehension

NAME:

DATE:

**Narwhals are interesting sea creatures. Answer true and false to the questions below BEFORE you read The Narwhal Problem. Then try them again AFTER learning more about Narwhals through research and by reading THE NARWHAL PROBLEM. Compare your answers to see how much you have learned.**

Some narwhals have a really long tooth: \_\_\_\_\_

Adult narwhals are heavier than a school bus: \_\_\_\_\_

Unicorns live in the Indian Ocean: \_\_\_\_\_

Narwhals are a porpoise: \_\_\_\_\_

Narwhals are not endangered: \_\_\_\_\_

Global warming does not hurt narwhals: \_\_\_\_\_

Only female narwhals grow long teeth: \_\_\_\_\_

Narwhals have a long horn growing out of their foreheads: \_\_\_\_\_

[CCSS.ELA-Literacy.RL.3.1](https://www.illustrations.com/CCSS.ELA-Literacy.RL.3.1)

Answers will vary on first chance. See next page for correct answers.





# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 1 **Answers**

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Some narwhals have a really long tooth: \_\_\_\_\_ **TRUE**

Adult narwhals are heavier than a school bus: \_\_\_\_\_ **TRUE**

Unicorns live in the Indian Ocean: \_\_\_\_\_ **FALSE**

Narwhals are a porpoise: \_\_\_\_\_ **TRUE**

Narwhals are not endangered: \_\_\_\_\_ **FALSE**

Global warming does not hurt narwhals: \_\_\_\_\_ **FALSE**

Only female narwhals grow long teeth: \_\_\_\_\_ **FALSE**

Narwhals have a long horn growing out of their foreheads: \_\_\_\_\_ **FALSE**

There is nothing humans can do to help narwhals: \_\_\_\_\_ **FALSE**

[CCSS.ELA-Literacy.RL.3.1](#)

# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 2/RESEARCH

NAME:

DATE:

In The Narwhal Problem, Kiki is excited to meet a famous scientist. Find information about a famous scientist. Perhaps you will meet her or him some day!

1. Name two famous scientists.

\_\_\_\_\_

2. In full sentences tell why they are famous.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Pick another scientist who is alive today. \_\_\_\_\_

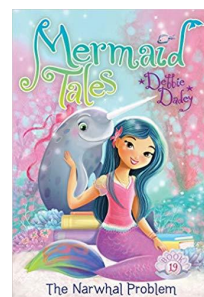
4. Why are they famous? \_\_\_\_\_

\_\_\_\_\_

5. Find out five things about this living scientist, including where they live and how old they are. Write the five things on the back of this page.

E/LA Common Core Standards for reading Grade 3 RI.3.1 and 3.10

ANSWERS WILL VARY



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 3/History; comprehension; subtraction

NAME:

DATE:

World War II (WWII) began in 1939 when German troops invaded Poland. Soon Germany invaded other countries too. The United States and the countries that united together to fight Germany were called Allies. The Allies also ended up fighting Japan. To send secret messages, the Allies used codes and ciphers. Because the Navajo language was unknown to anyone but Navajo Indians, it became a secret way of sending messages throughout the war. No enemy ever figured out the code! Fleming Begaye Sr. was one such Code Talker. He recently passed away at the age of ninety-seven. There were about four hundred Navajo Code Talkers during World War II, but Cherokee and Choctaw Indians began the practice in World War I.

Answer the following questions after reading the paragraph above.

1. Why do you think the United States used Navajo Indians to send codes during WWII?

\_\_\_\_\_

2. Name two Indian tribes that helped defeat enemies in the world wars through using codes.

\_\_\_\_\_

3. What was the United States and its friends called during World War II? \_\_\_\_\_

4. What country started WWII? \_\_\_\_\_

5. Find out two more interesting facts about Navajo Indians.

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

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

6. How many years ago did World War II begin? \_\_\_\_\_

\_\_\_\_\_

E/LA Common Core Standards for reading Grade 3 RI.3.1

CCSS.MATH.CONTENT.3.NBT.A.2

# Mermaid Tales

## THE NARWHAL PROBLEM Chapter 3/History; comprehension; subtraction

NAME: **ANSWERS**

DATE:

World War II (WWII) began in 1939 when German troops invaded Poland. Soon Germany invaded other countries too. The United States and the countries that united together to fight Germany were called Allies. The Allies also ended up fighting Japan. To send secret messages, the Allies used codes and ciphers. Because the Navajo language was unknown to anyone but Navajo Indians, it became a secret way of sending messages throughout the war. No enemy ever figured out the code! Fleming Begaye Sr. was one such Code Talker. He recently passed away at the age of ninety-seven. There were about four hundred Navajo Code Talkers during World War II, but Cherokee and Choctaw Indians began the practice in WWI.

Answer the following questions after reading the paragraph above.

1. Why do you think the United States used Navajo Indians to send codes during WWII?

**ANSWERS WILL VARY, BUT SHOULD REFLECT THAT NO ONE ELSE KNEW THE NAVAJO LANGUAGE.**

2. Name two Indian tribes that helped defeat enemies in the world wars through using codes.

**Navajo, Cherokee or Choctaw Indians (choose 2)**

3. What were the United States and its friends called during World War II? **Allies**

4. What country started WWII? **Germany**

5. Find out two more interesting facts about Navajo Indians. **ANSWERS will vary**

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

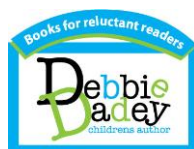
2. \_\_\_\_\_

6. How many years ago did World War II begin? **ANSWERS will vary depending on the year this page is used. Current year minus 1939.**

E/LA Common Core Standards for reading Grade 3 RI.3.1

CCSS.MATH.CONTENT.3.NBT.A.2

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# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 4/library research

NAME:

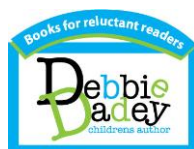
DATE:

In The Narwhal Problem, the merkids go to the library to find information. Use your library to search for the following:

- 👉 Find a book on narwhals and write down the call number: \_\_\_\_\_
- 👉 What is the name of a book that has a mermaid story in it? Hint-check the 398.2 section of your library or the catalog.  
\_\_\_\_\_
- 👉 Look for a book about the ocean. On what page does it have information about the Arctic?  
\_\_\_\_\_
- 👉 Write down the author's name of a book about whales. \_\_\_\_\_
- 👉 How many books does your library have about porpoises? \_\_\_\_\_
- 👉 Find a book about blue whales. When was it published? \_\_\_\_\_
- 👉 Look in an encyclopedia and find a picture of a pretty fish. Draw it on the back.
- 👉 Many people today use the Internet to look up information. Is everything you read on the Internet true? \_\_\_\_\_
- 👉 If your teacher gives you permission, look up two global warming facts on the Internet from a source you trust. Write them on the back.

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# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 4/library research

NAME: **Answers**

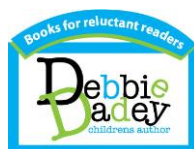
DATE:

In The Narwhal Problem, the merkids go to the library to find information. Use your library to search for the following:

- 👉 Find a book on narwhals and write down the call number: \_\_\_\_\_ **599.53 (some libraries will shorten this)**
- 👉 What is the name of a book that has a mermaid story in it? Hint-check the 398.2 section of your library or the catalog. **Answers will vary**  
\_\_\_\_\_
- 👉 Look for a book about the ocean. On what page does it have information about the Arctic?  
\_\_\_\_\_ **Answers will vary**
- 👉 Write down the author's name of a book about whales. **Answers will vary**
- 👉 How many books does your library have about porpoises? **Hopefully lots!**
- 👉 Find a book about blue whales. When was it published? **Answers will vary**
- 👉 Look in an encyclopedia and find a picture of a pretty fish. Draw it on the back. **Answers will vary**
- 👉 Many people today use the Internet to look up information. Is everything you read on the Internet true? \_\_\_\_\_ **No**
- 👉 If your teacher gives you permission, look up two global warming facts on the Internet from a source you trust. Write them on the back. **Answers will vary**

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# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 5/codes

NAME:

DATE:

Use the chart below to figure out this coded joke. The bottom shaded part is the code.

***XIBU IBQQFOT XIFO ZPV UISPX Z SPDL JO XBUFS?***

***JU HFUT XFU!***

A	B	C	D	E	F	G	H	I	J
B	C	D	E	F	G	H	I	J	K

K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A

CCSS.MATH.CONTENT.3.MD.B.3

# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 5/codes

NAME: Answer

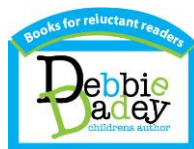
DATE:

What happens when you throw a rock in water?

It gets wet.

CCSS.MATH.CONTENT.3.MD.B.3

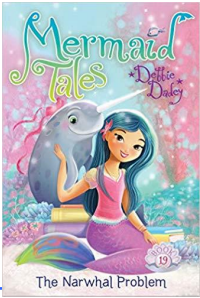
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book illustrations by Tatevik Avakyan





# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 6/ symbiotic relationship

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

In *The Narwhal Problem* symbiotic relationship is mentioned. Use your research skills to find out the following:

Use a **dictionary** to find and write a definition of symbiotic relationship. \_\_\_\_\_

---

---

Use an **encyclopedia** to find three types of symbiosis. Write those three below.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



Pick one type of symbiosis and learn about it **online or with a library book**. Tell what it is here.

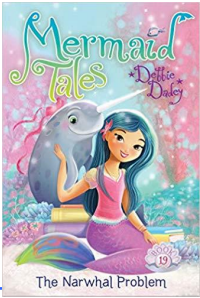
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Draw a picture showing that type of symbiosis on the back of this worksheet.

[CCSS.ELA-Literacy.L.2.1](#) [CCSS.ELA-Literacy.L.2.3](#) [CCSS.ELA-LITERACY.L.3.1](#) [CCSS.ELA-LITERACY.L.3.2](#)  
[CCSS.ELA-LITERACY.L.3.3](#) [CCSS.ELA-Literacy.RL.3.4](#)



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 6/ symbiotic relationship

NAME:

ANSWERS

DATE:

In *The Narwhal Problem* symbiotic relationships is mentioned. Use your research skills to find out the following:

Use a dictionary to find and write a definition of symbiotic relationship. \_\_\_\_\_

Something like: A symbiotic relationship is where two organisms from different species interact.

Use an encyclopedia to find three types of symbiosis. Write those three below.

1. \_\_\_\_\_ mutualism
2. \_\_\_\_\_ commensalism
3. \_\_\_\_\_ parasitism

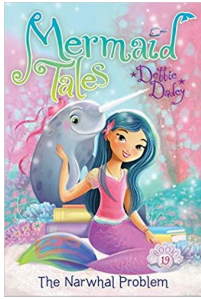


Pick one type of symbiosis and learn about it online or with a library book. Tell what it is here.

Answers will vary, but should relate to one of the following. . Mutualism is where both organisms benefit. Commensalism is where one benefits while the other is not harmed. Parasitism is where one benefits and one is hurt.

Draw a picture showing that type of symbiosis on the back of this worksheet. Answers will vary, but should reflect one of the above.

[CCSS.ELA-Literacy.L.2.1](http://www.debbiedadey.com) [CCSS.ELA-Literacy.L.2.3](#) [CCSS.ELA-LITERACY.L.3.1](#) [CCSS.ELA-LITERACY.L.3.2](#) [CCSS.ELA-LITERACY.L.3.3](#) [CCSS.ELA-Literacy.RL.3.4](#)



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 7/Geography

NAME: \_\_\_\_\_

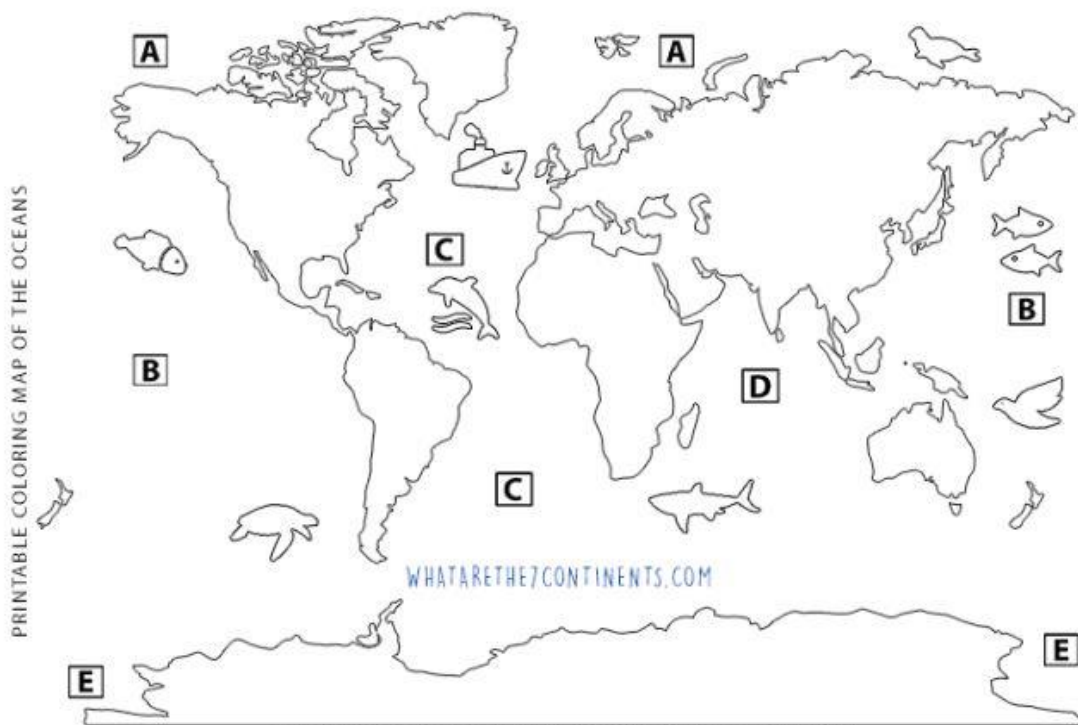
DATE: \_\_\_\_\_

Narwhals live in the Arctic Ocean near Canada, Greenland, Norway, and Russia. Many narwhals spend their winter in the Baffing Bay-Davis Strait. The Arctic Ocean is the smallest of the world's five major oceans. Name the other four.

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

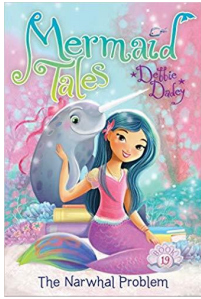
3. \_\_\_\_\_ 4. \_\_\_\_\_

Now, put all the oceans on the map key below. Color the Arctic Ocean blue and put a star on the US.



CAN YOU NAME THE WORLD'S 5 OCEANS?

- |          |          |
|----------|----------|
| A. _____ | D. _____ |
| B. _____ | E. _____ |
| C. _____ |          |



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 7/Geography

NAME: **Answers**

DATE:

Narwhals live in the Arctic Ocean near Canada, Greenland, Norway, and Russia. Many narwhals spend their winter in the Baffing Bay-Davis Strait. The Arctic Ocean is the smallest of the world's five major oceans. Name the other four.

**Pacific, Atlantic, Indian, and Southern.** Now, put all the oceans on the map key below. Color the Arctic Ocean blue and put a star on the US.



**CAN YOU NAME THE WORLD'S 5 OCEANS?**

- A. ARCTIC OCEAN (blue)
- B. PACIFIC OCEAN
- C. ATLANTIC OCEAN
- D. INDIAN OCEAN
- E. SOUTHERN (OR ANTARTCTIC)

CCSS.ELA-LITERACY.L.3.1 CCSS.ELA-LITERACY.L.3.2.A

# Mermaid Tales

## THE NARWHAL PROBLEM

### Chapter 8

NAME:

DATE:

In *The Narwhal Problem*, the merstudents visit The Conservatory for the Preservation of Sea Horses and Swordfishes. In the human world, conservatory is usually a place to study music or a place used to grow plants. In the merfolk world, it is a place for sea creatures to be safe. There are many marine animals that are endangered like the narwhal. Look at the list below and circle the animals that you think might be endangered, vulnerable, or threatened.

African elephant

Arctic Fox

Beluga

Black Rhino

Black Spider Monkey

Blue Whale

Dugong

Giant Panda

Great White Shark

Hippopotamus

Indian Elephant

Jaguar

Leatherback turtle

Malayan Tiger

Narwhal

Polar Bear

Sea Lion

South China Tiger

Sumatran Orangutan

Vaquita

Compare your answers with friends. Make a graph of the top three animals they chose as endangered, vulnerable, or threatened. Your teacher will share with you which ones are endangered, vulnerable, or threatened according to the World Wildlife Organization. Choose one of the animals listed above and tell about it on the back of this page.

CCSS.ELA-LITERACY.L.3.2 CCSS.MATH.CONTENT.2.MD.D.10 CCSS.MATH.CONTENT.3.MD.B.3

# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 8

NAME: **answers-ALL SHOULD BE CIRCLED!**

DATE:

In *The Narwhal Problem*, the merstudents visit The Conservatory for the Preservation of Sea Horses and Swordfishes. In the human world, conservatory is usually a place to study music or a place used to grow plants. In the merfolk world, it is a place for sea creatures to be safe. There are many marine animals that are endangered like the narwhal. Look at the list below and circle the animals that you think might be endangered, vulnerable, or threatened.

African elephant

Arctic Fox

Beluga

Black Rhino

Black Spider Monkey

Blue Whale

Dugong

Giant Panda

Great White Shark

Hippopotamus

Indian Elephant

Jaguar

Leatherback turtle

Malayan Tiger

Narwhal

Polar Bear

Sea Lion

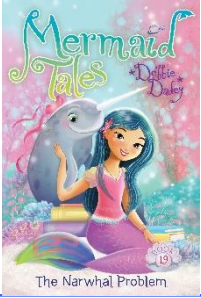
South China Tiger

Sumatran Orangutan

Vaquita

Compare your answers with friends. Make a graph of the top three animals they chose as endangered, vulnerable, or threatened. Your teacher will share with you which ones are endangered, vulnerable, or threatened according to the World Wildlife Organization. Choose one of the animals listed above and tell about it on the back of this page. **ANSWERS WILL VARY.**

CCSS.ELA-LITERACY.L.3.2 CCSS.MATH.CONTENT.2.MD.D.10 CCSS.MATH.CONTENT.3.MD.B.3



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 9

NAME:

DATE:

In *The Narwhal Problem*, Nadine is a young narwhal, also known as a calf (baby cows are also called calves). Use the library or Internet to help you match the offspring below with their parent.

fry

fox

joey

lion

pup

dog

Cub

deer

maggot

fish

kit

kangaroo

fawn

bear

tadpole

fly

cub

frog

kid

goat

foal

horse



# Mermaid Tales

## THE NARWHAL PROBLEM

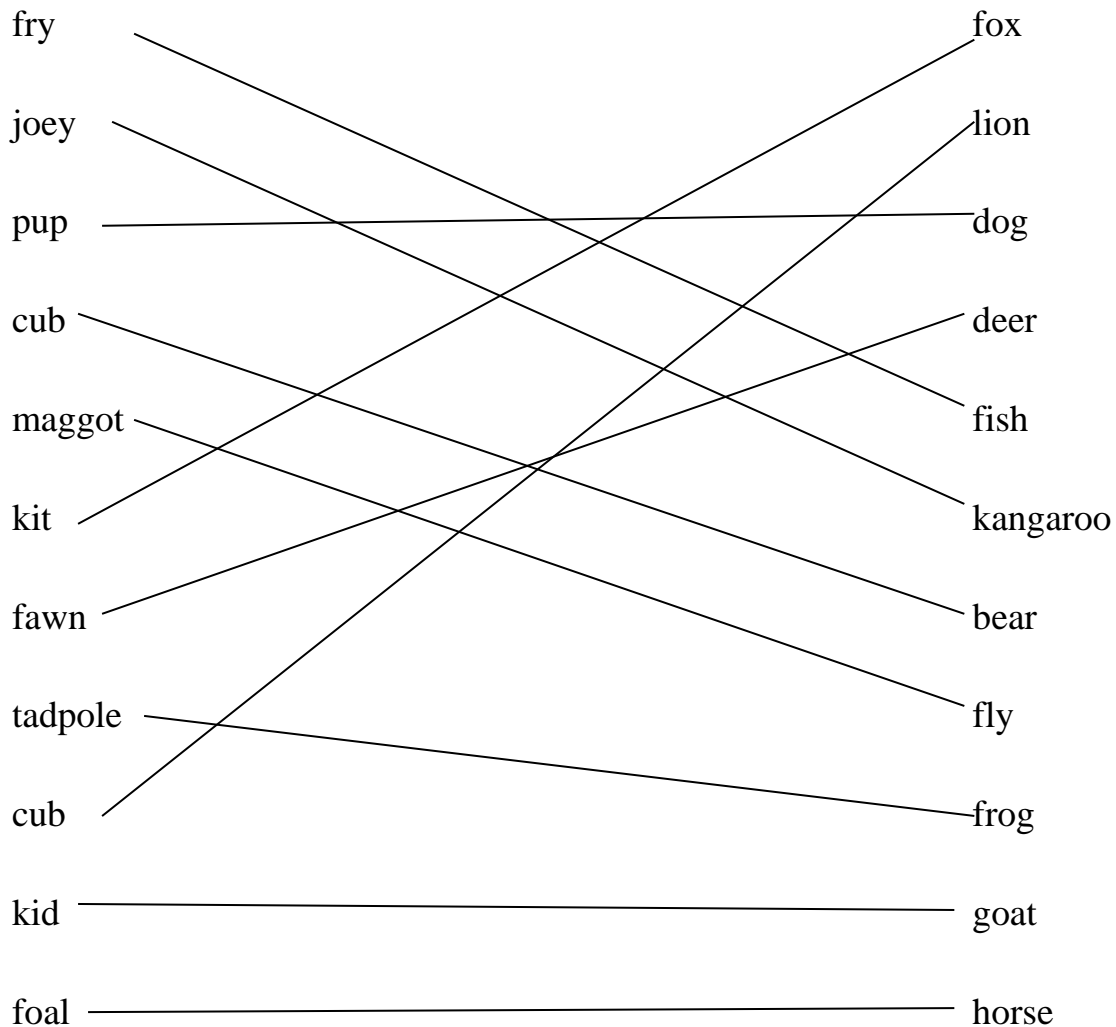
Chapter 9

NAME:

answers

DATE:

In *The Narwhal Problem*, Nadine is a young narwhal, also known as a calf (baby cows are also called calves). Use the library or Internet to help you match the offspring below with their parent.







# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 10/creative writing

NAME:

DATE:

In **The Narwhal Problem**, Rocky thinks Nadine's long tooth is for fighting and Wanda thinks it is to break ice. Many years ago, storytellers used myths to explain something mysterious. Now, you can decide why narwhals have long teeth. In the space below and on the back, make up a silly, funny, or serious story of how the narwhal came to have its long tooth.

[CCSS.ELA-Literacy.L.2.1](#) [CCSS.ELA-Literacy.L.2.3](#) [CCSS.ELA-LITERACY.L.3.1](#) [CCSS.ELA-LITERACY.L.3.2](#) [CCSS.ELA-LITERACY.L.3.3](#) [CCSS.ELA-Literacy.RL.3.4](#) **ANSWERS WILL VARY**

# Mermaid Tales

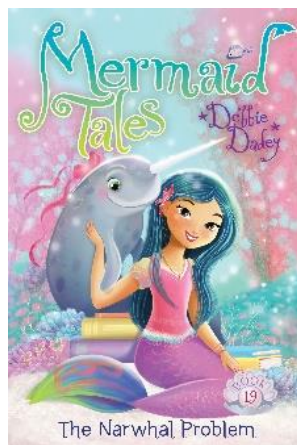
## THE NARWHAL PROBLEM

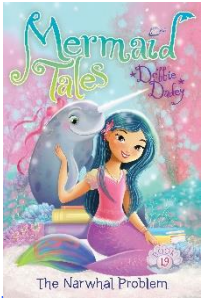
Chapter 11/computer coding

NAME:

DATE:

Merfolks don't have computers, but humans do! Did you know that computers use codes to work? The codes tell the computer what to do. By learning computer coding or programming, you can create apps and websites. You can even learn how to draw shapes and make them move! JavaScript is the most popular computer code (or language). Ask your teacher or parent to help you visit websites that have games and activities about computer coding, like <https://mommypoppins.com/coding-kids-free-websites-teach-learn-programming> and <http://www.crunchzilla.com/code-monster>. You may even want to take a class to learn more.





# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 12/compare and contrast

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Narwhals are porpoises. Porpoises are whales. There are many different types of whales. Select one. Write three things that are unique about narwhals, three things that are different about the whale you selected, and three things that are the same.

**Whales: How are they the same?**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**Narwhals: How are they unique?**

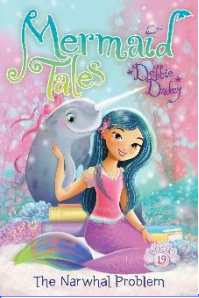
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**My Whale: How is it different?**

**My whale is a**

\_\_\_\_\_

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



# Mermaid Tales

## THE NARWHAL PROBLEM

Chapter 12/compare and contrast

NAME: **answers will vary depending on whale chosen**

DATE:

Narwhals are porpoises. Porpoises are whales. There are many different types of whales. Select one. Write three things that are unique about narwhals, three things that are different about the whale you selected, and three things that are the same.

**Whales: How are they the same?**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**This could vary, but will probably include a long tooth, lives in the Arctic, are shy, or are endangered.**

**My Whale: How is it different?**

**My whale is a**

- \_\_\_\_\_
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_

Core curriculum *Key Idea 3*: The observations made while testing proposed explanations, when analyzed using conventional and invented methods, provide new insights into phenomena.  
S3.1 Organize observations and measurements of objects and events through classification and the preparation of simple charts and tables.