

MULTIPLICATION & DIVISION

3rd Grade

MERMAID TREASURE ESCAPE ROOM

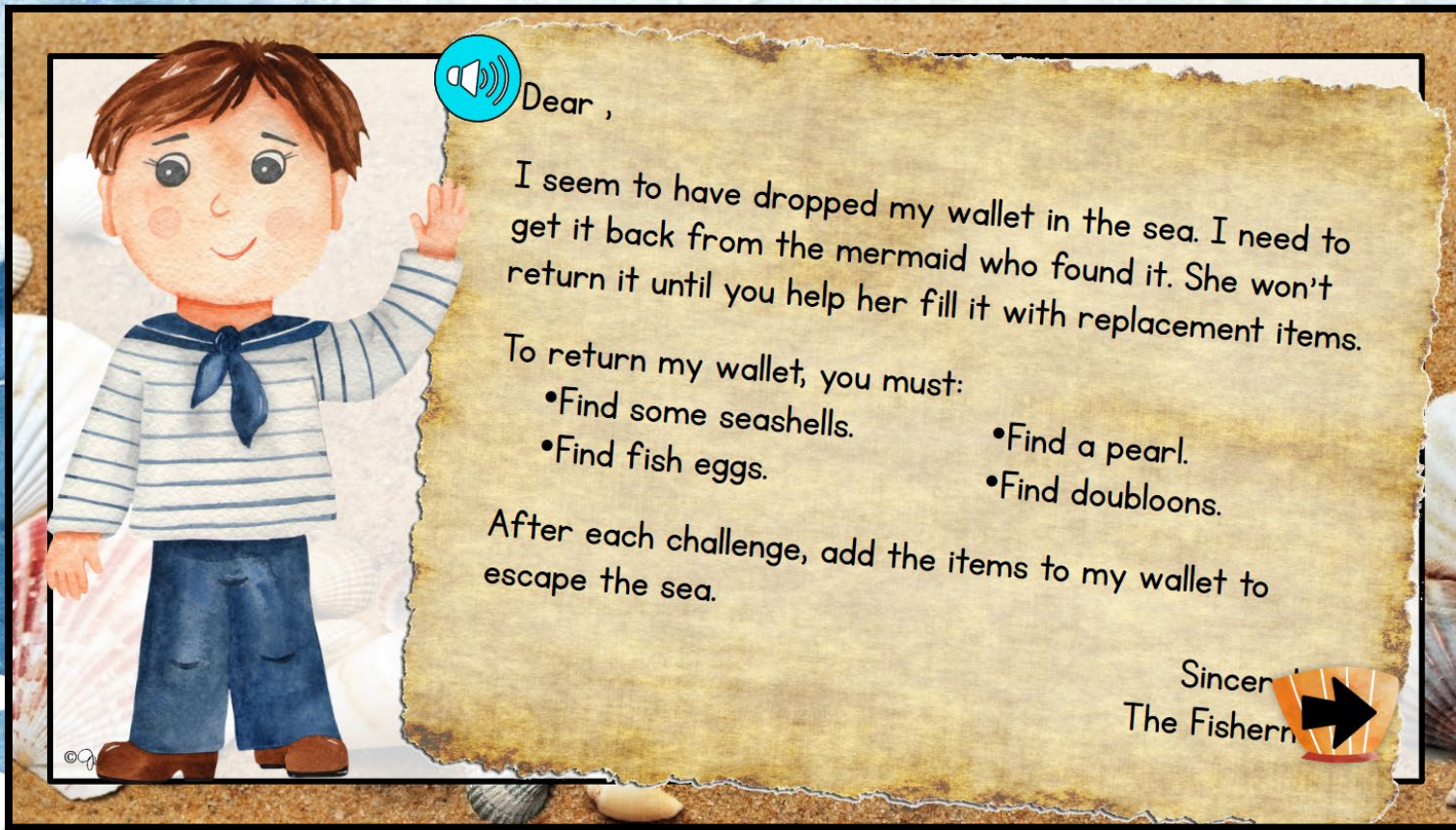


PRINTABLE • GOOGLE • WEBSCAPE™



Help the Fisherman!

Students won't realize they are practicing Multiplication & Division skills! They will be immersed in the storytelling and our original videos as they complete math challenges.



Learn more!



Challenge #1



1. Solve each "find the missing factor" problem.
2. Record answers on your brochure.
3. Check your answers in the Mermaid Decoder.
4. Add the seashells to the wallet.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #2.

Scan the QR
code or click
[here](#) to view
the video.



- | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| 1. $28 = 4 \times \underline{\quad}$ | 3. $8 \times \underline{\quad} = 56$ | 5. $3 \times \underline{\quad} = 21$ |
| a. 5 | a. 6 | a. 4 |
| b. 6 | b. 7 | b. 5 |
| c. 7 | c. 8 | c. 6 |
| d. 8 | d. 9 | d. 7 |
-
- | | | |
|--------------------------------------|--------------------------------------|---------------------------------------|
| 2. $6 \times \underline{\quad} = 24$ | 4. $45 = \underline{\quad} \times 5$ | 6. $48 = \underline{\quad} \times 67$ |
| a. 4 | a. 7 | a. 8 |

Challenge #2



1. Solve each "find the missing divisor or dividend" problem.
2. Record answers on your brochure.
3. Check your answers in the Mermaid Decoder.
4. Add the fish eggs to the wallet.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #3.

Scan the QR
code or click
[here](#) to view
the video.



- | | | |
|-----------------------------------|------------------------------------|------------------------------------|
| 1. $\underline{\quad} \div 6 = 9$ | 3. $49 \div \underline{\quad} = 7$ | 5. $27 \div \underline{\quad} = 3$ |
| a. 56 | a. 6 | a. 6 |
| b. 62 | b. 7 | b. 7 |
| c. 54 | c. 8 | c. 8 |
| d. 58 | d. 9 | d. 9 |
-
- | | | |
|------------------------------------|-----------------------------------|------------------------------------|
| 2. $2 = 18 \div \underline{\quad}$ | 4. $4 = 4 \div \underline{\quad}$ | 6. $4 = 32 \div \underline{\quad}$ |
| a. 9 | a. 1 | a. 6 |
| b. 8 | b. 2 | b. 7 |
| c. 7 | c. 3 | c. 8 |
| d. 6 | d. 0 | d. 9 |

Challenge #3



1. Solve each "multiply by tens" problem.
2. Record answers on your brochure.
3. Check your answers in the Mermaid Decoder.
4. Add the pearls to the wallet.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #4.

Scan the QR
code or click
[here](#) to view
the video.



- | | | |
|----------------------|----------------------|----------------------|
| 1. $60 \times 3 = ?$ | 3. $10 \times 8 = ?$ | 5. $8 \times 40 = ?$ |
| a. 240 | a. 810 | a. 310 |
| b. 180 | b. 800 | b. 260 |
| c. 200 | c. 180 | c. 320 |
| d. 160 | d. 80 | d. 340 |
-
- | | | |
|----------------------|----------------------|----------------------|
| 2. $30 \times 7 = ?$ | 4. $50 \times 4 = ?$ | 6. $90 \times 3 = ?$ |
| a. 200 | a. 200 | a. 200 |
| b. 230 | b. 250 | b. 250 |
| c. 210 | c. 240 | c. 270 |
| d. 170 | d. 300 | d. 310 |

4 Mathematics Challenges

- Challenges focused on Multiplication & Division skills
- Each challenge takes about 20-30 minutes

Learn more!



4 Mathematics Challenges

- Themed videos integrated throughout the Escape Room to keep kids engaged.
- Students work in groups, partners, or independently.

Learn more!



Challenge #4



1. Solve each word problem.
2. Record answers on your brochure.
3. Check your answers in the Mermaid Decoder.
4. Add the doubloons to the wallet.
5. Scan the QR code at the bottom of the next page.
6. Return the wallet and escape the seal.

1. The mermaid found doubloons at 4 different shipwrecks. She found 20 doubloons at each shipwreck. How many doubloons did she find in all?
2. You found 16 pearls total. If you found 8 oysters with pearls in them, how many pearls were in each oyster?
3. You found 810 fish eggs from the reefs you visited. If there were exactly 90 eggs at each reef, how many reefs did you visit?

Show Your Work

Show Your Work

Show Your Work

- a. 80 doubloons
- b. 100 doubloons
- c. 120 doubloons
- d. 60 doubloons

- a. 4
- b. 2
- c. 3
- d. 5

4. You found seashells on 8 beaches. If you found the same number of seashells on each beach and have 40 seashells total, how many seashells did you find on each beach?
5. The fisherman has 6 boats in his fleet. Each boat can fit 10 people. If he took all 10 boats out, how many people could he fit total?
3. The mermaid collects some extra doubloons for her family. If she has 8 family members and collects 48 doubloons total, how many doubloons would each family member get if everyone got an equal number?

Show Your Work

Show Your Work

Show Your Work

- a. 3 seashells
- b. 4 seashells
- c. 5 seashells
- d. 6 seashells

- a. 60 people
- b. 16 people
- c. 40 people
- d. 80 people

- a. 4 doubloons
- b. 5 doubloons
- c. 6 doubloons
- d. 8 doubloons

Scan the QR code or click [here](#) to view the video.



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Challenge #1



1. Solve each "find the missing factor" problem.
2. Record answers on your brochure.
3. Check your answers in the Mermaid Decoder.
4. Add the seashells to the wallet.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #2.

1. $28 = 4 \times \underline{\quad}$

- a. 5
- b. 6
- c. 7
- d. 8

2. $6 \times \underline{\quad} = 24$

- a. 4
- b. 5
- c. 6
- d. 7

3. $8 \times \underline{\quad} = \underline{\quad}$

- a. 6
- b. 7
- c. 8
- d. 9

1. Find the Missing Factor

1. $28 = 4 \times \underline{\quad}$

- ☐ a. 5
☐ b. 6
☐ c. 7
☐ d. 8

2. $6 \times \underline{\quad} = 24$

- ☐ a. 4
☐ b. 5
☐ c. 6
☐ d. 7



1 Find the missing factor.



$$28 = 4 \times \underline{\quad}$$

5

6

7




8

3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



	PDF 	Google Slides 	Webscape™ 
Format Type	Printable	Digital	Digital
Device	N/A	Any Device	Any Device
Required Prep	Print & Go	Copy & Share	Zero Prep
Student Answers	Printable Answer Pamphlet	Google Sheets Decoder Tool	Integrated Challenge Hub
Self Correcting	Includes Answer Key	Self Correcting	Self Correcting
Custom Videos	QR Codes	Embedded You Tube	Embedded
Audio Readings	N/A	No Audio Readings	Contains Audio Readings
Navigation	N/A	Student Directed	Automatically Advancing
Extras	Early Finish Challenges	Movable Pieces	Interactive Animation

3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



The Fisherman's Wallet



Print

- Cut and paste stamps for each challenge
- Easy to follow
- Optimal for group or partner work
- Recording brochure for answers
- Self-checking decoder
- Certificate of completion

Mermaid Decoder

Use the following codes for each challenge to solve the clues and move to the next challenge

Challenge 1

question 1	question 2	question 3	question 4	question 5	question 6
a = First I b = By c = I d = We	a = looked b = searching c = hunted d = found	a = under some b = along c = near d = some	a = rocks b = the rocks c = the edge d = in front	a = but then b = by the c = of a d = of the	a = in the sand b = reef. c = big cliff. d = waves.

Challenge 2

question 1	question 2	question 3	question 4	question 5	question 6
a = I searched b = First I c = I looked d = The mermaid	a = in the b = looked in the c = where d = had	a = deepest part b = reef c = the shipwreck d = some	a = where all b = but they c = and all the d = from	a = the sharks b = were all c = fish d = the fish	a = hunted. b = at the shore. c = were. d = in her house.

Challenge 3

question 1	question 2	question 3	question 4	question 5	question 6
a = I found b = I c = First I d = By	a = some b = hunted c = looked d = searching	a = near b = in c = under d = inside	a = a lot of b = holes c = some d = seashells	a = rocks b = in the c = oyster d = with animals	a = at the shore. b = reef. c = shells. d = in them.

Challenge 4

question 1	question 2	question 3	question 4	question 5	question 6
a = I b = We c = I hunted d = The mermaid	a = found b = searched c = near d = had some of	a = some while b = under c = the four d = the	a = waiting b = seashells c = shipwrecks d = coins	a = for b = and c = for 3 d = in	a = the mermaid. b = big rocks. c = hours. d = her house.

MERMAID ESCAPE ROOM RECORDING BROCHURE

Record your
challenge answers
along your
journey.



CHALLENGE 3



	Answer	Code
1.	b	I
2.	c	looked
3.	d	inside
4.		
5.		
6.		

How did you find the
pearl?

Learn more!



Print

- OOPS! Cards for differentiation

Learn more!



Mermaid Escape Room



Jhon W.

(Name)

has successfully completed the challenges and escaped the sea.

23 / 03

(Date)

The fisherman



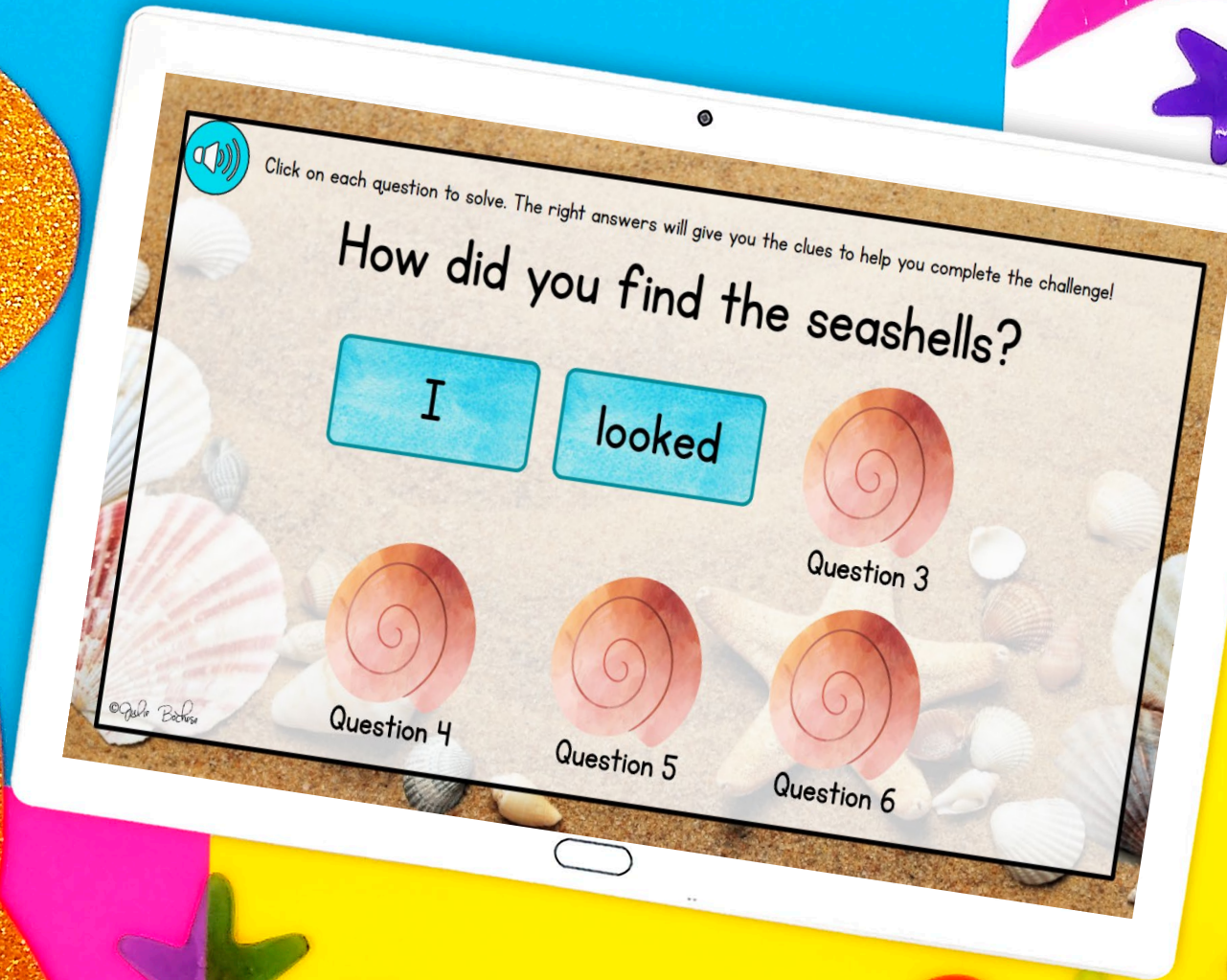
Oops!

You left your backpack at the beach and had to go back to get it.



NO HELPING YOUR TEAM FOR 3 MINUTES!

Webscape TM



- Most interactive experience
- Self correcting
- Embedded videos
- Embedded audio
- Animation
- Simple navigation

Learn more!



Webscape TM

- No log ins or sign ups
- Works with any device that has an internet connection and web browser
- Zero prep! Just share the link with your students.

Learn more!



Google Slides

4. Solve the Money Problem

1. The mermaid found doubloons at 4 different shipwrecks. She found 20 doubloons at each shipwreck. How many doubloons did she find in all? ○

Show Your Work

- a. 80 doubloons
- b. 100 doubloons
- c. 120 doubloons
- d. 60 doubloons

- ☐ Circle the #s.
- ☐ Underline the question.
- ☐ Box the words that are important.
- ☐ Eliminate info you do not need.
- ☐ Solve by showing your work.

- One to two problems per slide
- Students drag to circle their answers

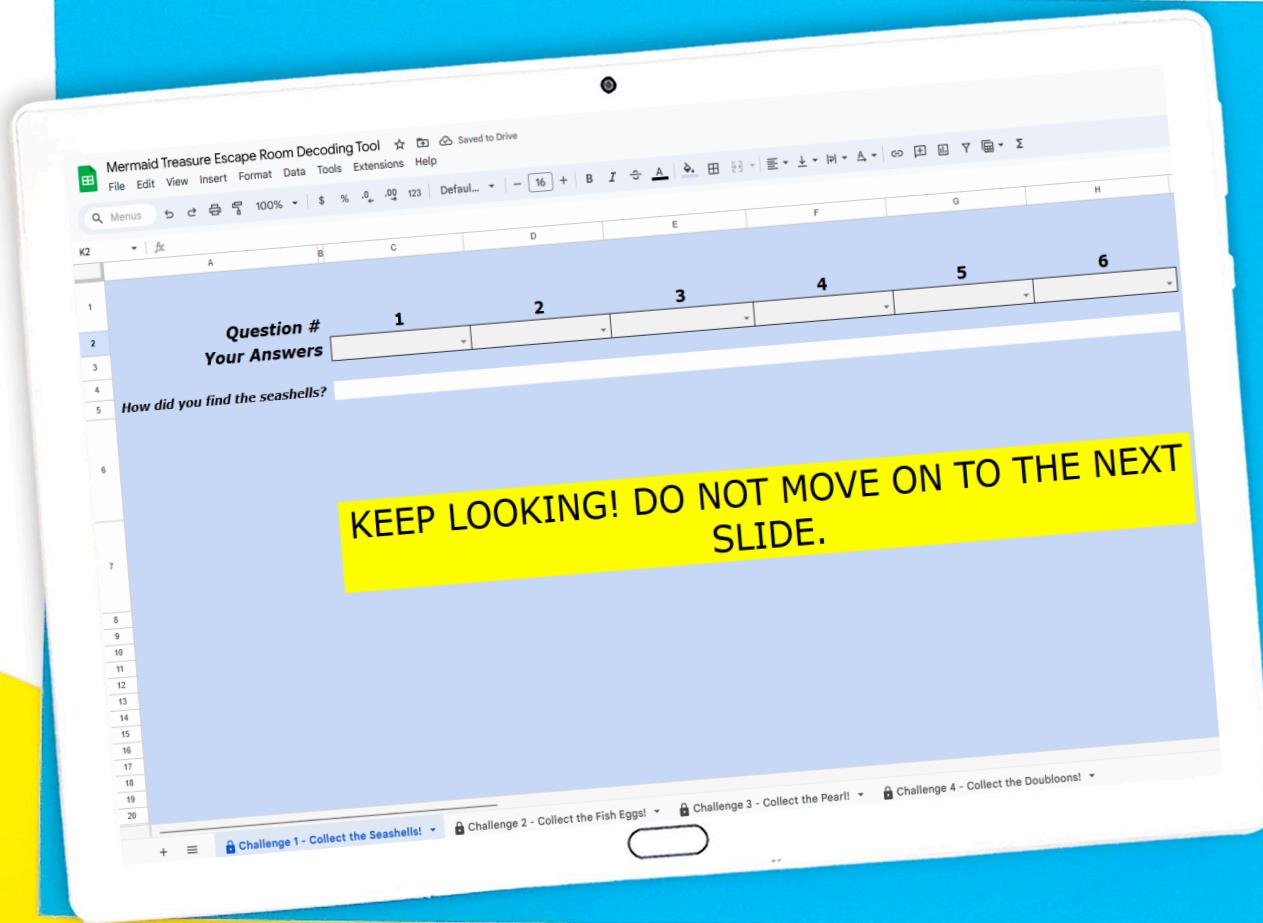
Learn more!



Google Slides

- Toggle to self-checking decoder
- Decoder will prompt at the end of each challenge whether students are correct or need to check their work.

Learn more!



Looking for More?

ESCAPE ROOM BUNDLE Math Skills

3rd Grade



Math Escape Rooms

2nd Grade 3rd Grade 4th Grade 5th Grade

Telling Time: Time Machine Escape Room


ENGAGE VIDEO: TELL THE STORY

Print and Digital

MATH: Categorize Shapes

Catch the Bandit Escape Room

3rd Grade



Dear Student,

You're having a great time visiting the big city! But while you're out seeing the sites, petty crime caught up with you. A bandit took some money out of your backpack.

You must follow the bandit to catch him and get your money back.

1. Go to the waterfront.
2. Go to Chinatown.
3. Go to the park.
4. Go to Downtown.

After each challenge, add the pin to your map to catch the bandit.


Sincerely,
Friendly Neighborhood Crime Watchers

Print and Digital

Magi CORE

HALLOWEEN MATH Escape Room

3rd GRADE



Place Value

Mrs. P... gave out different types of candy to the trick-or-treaters. The table below shows how many of each type of candy she gave out.

Candy Type	Chocolates	Lollipops	Gummies	Candy Corn
Amount	245	334	286	422

When rounded to the nearest hundred, which two candy types did she give out the same amount of?

- a. Chocolates & gummies
- b. Chocolates & candy corn
- c. Lollipops & gummies
- d. Lollipops & candy corn

Print and Digital

Magi CORE