



2nd Grade

ADD & SUBTRACT
TO 100



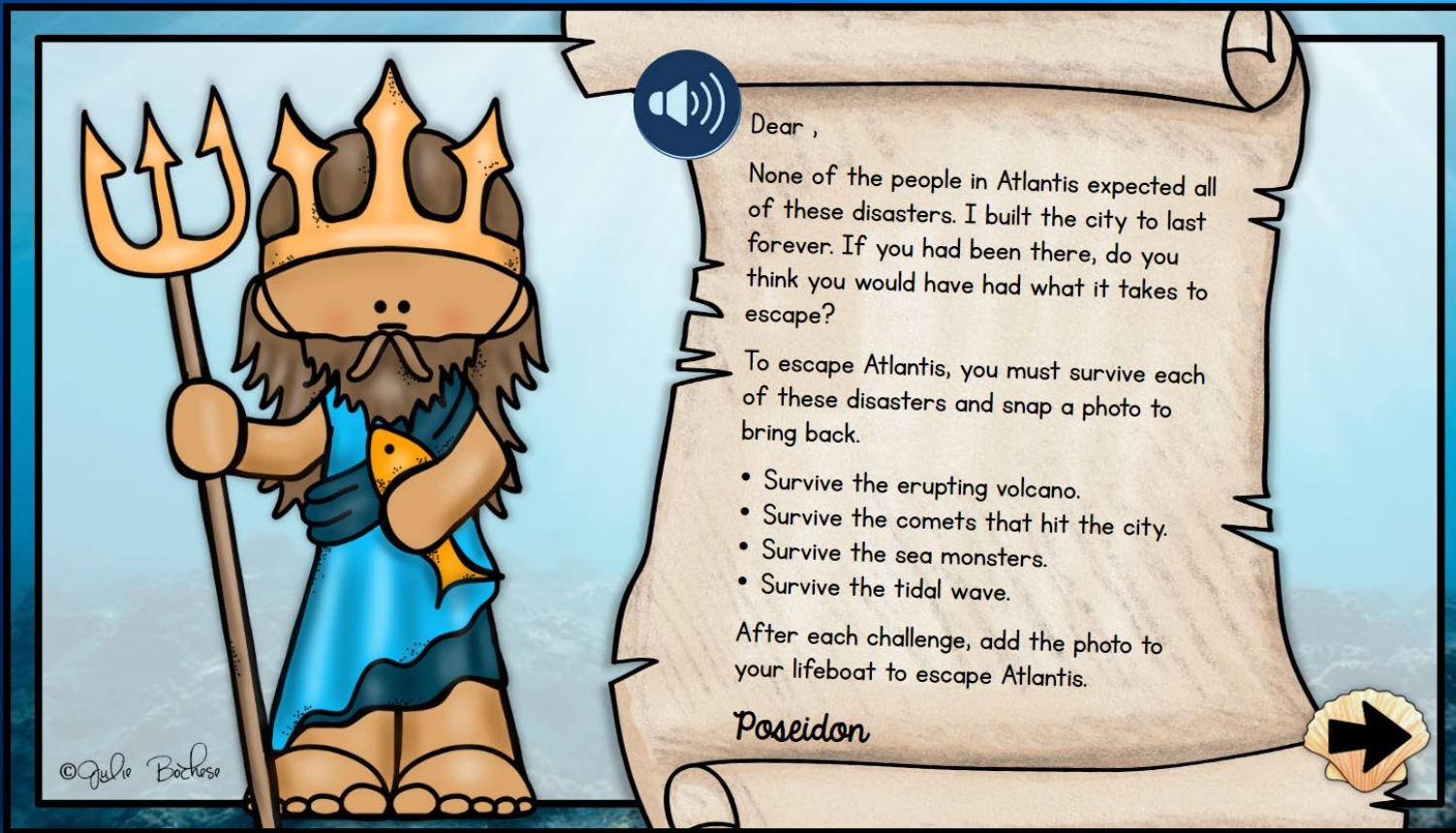
ATLANTIS
ESCAPE
ROOM



PRINTABLE • GOOGLE • WEBSCAPE™

Escape Atlantis!

Students won't realize they are practicing Add & Subtract to 100 skills! They will be immersed in the storytelling and our original videos as they complete math challenges.



Learn more!



4 Mathematics Challenges

- Challenges focused on Adding & Subtracting to 100
- Each challenge takes about 20-30 minutes

Learn more!

Challenge #1

- Solve each add or subtract problem.
- Record answers on your brochure.
- Check your answers in the Atlantis Decoder.
- Add the volcano photo to your lifeboat.
- Scan the QR code in the corner of the page.
- Move on to the challenge #2.



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



- $67 + 22 =$
- $17 + 48 =$
- $35 + 26 =$

Show your work	Show your work	Show your work
a. 99 b. 79 c. 88 d. 89	a. 55 b. 65 c. 66 d. 56	a. 61 b. 62 c. 52 d. 51

- $89 - 35 =$
- $54 - 28 =$
- $72 - 39 =$

Show your work	Show your work	Show your work
a. 54 b. 55 c. 56 d. 65	a. 36 b. 35 c. 26	a. 37 b. 33 c. 41

Challenge #2

- Solve each add or subtract problem.
- Record answers on your brochure.
- Check your answers in the Atlantis Decoder.
- Add the comet photo to your lifeboat.
- Scan the QR code in the corner of the page.
- Move on to the challenge #3.



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



- Which equation could Mavis use to check her work for this problem?

$$\begin{array}{r} 53 \\ + 46 \\ \hline 99 \end{array}$$

- $99 + 46 = ?$
- $53 + 99 = ?$
- $53 - 46 = ?$
- $99 - 53 = ?$

- Which expression could Alphonso use to find the value of the following problem?

$$\begin{array}{r} 58 + 19 = ? \\ 50 + 8 + 1 + 9 = ? \\ 50 + 80 + 10 + 90 = ? \\ 5 + 8 + 1 + 9 = ? \\ 50 + 10 + 8 + 9 = ? \end{array}$$

- What is the next step Sang should complete to solve the problem?

$$\begin{array}{r} 78 \\ + 26 \\ \hline \end{array}$$

- What is the first step Neva should complete to solve the problem?

$$\begin{array}{r} 70 \\ - 25 \\ \hline \end{array}$$

- Regroup a ten from the 7, since you cannot subtract 5 from 0.
- Switch the 0 and the 5, since you cannot subtract 5 from 0.
- Subtract 7 - 2.
- Subtract 0 - 5.

- What is the next step Gregory should complete to solve the problem?

$$\begin{array}{r} 15 \\ 85 \\ - 39 \\ \hline \end{array}$$

- Subtract 15 from 85.
- Subtract 39 from 85.

Challenge #3

- Solve each find the mistake problem.
- Record answers on your brochure.
- Check your answers in the Atlantis Decoder.
- Add the sea monsters' photo to your lifeboat.
- Scan the QR code in the corner of the next page.
- Move on to the challenge #4.



- What mistake did the student make when adding the numbers?

$$\begin{array}{r} 58 + 33 = 92 \\ 50 + 8 \\ + 30 + 3 \\ \hline 80 + 12 = 92 \end{array}$$

- The student added $50 + 30$ incorrectly.
- The student forgot to add the ten they regrouped after adding $8 + 3$.
- The student added $8 + 3$ incorrectly.
- The student added $80 + 12$ incorrectly.

- What mistake did the student make when subtracting the numbers?

$$\begin{array}{r} 80 \quad 10 \\ 94 - 27 = 63 \\ \quad 90 + 4 \\ - 20 + 7 \\ \hline 60 + 3 = 63 \end{array}$$

- The student forgot to ungroup a ten from the 90 so they could subtract $4 - 7$.
- The student subtracted $10 - 7$ incorrectly.
- The student ungrouped the 10 correctly but didn't add it to the 4 already in the one's place.
- The student subtracted $80 - 20$ incorrectly.

- What mistake did the student make when adding the blocks?

Tens	Ones
8	3

- The student added the ones incorrectly.
- The student forgot to add the extra ten after regrouping the ones.
- The student added the tens incorrectly.
- The student did not make a mistake.

4 Mathematics Challenges

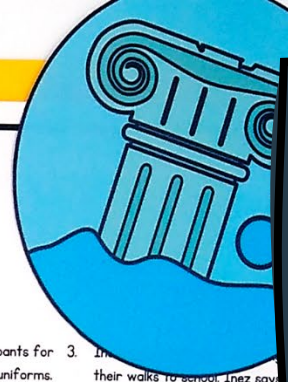
- Themed videos integrated throughout the Escape Room to keep kids engaged.
- Students work in groups, partners, or independently.

Learn more!



Challenge #4

- Solve each word problem.
- Record answers on your brochure.
- Check your answers in the Atlantis Decoder.
- Add the tidal wave photo to your lifeboat.
- Scan the QR code in the corner of the next page.
- Escape Atlantis!



1. Abram is collecting seashells for a school project. He collects 47 seashells on Monday and 18 seashells on Tuesday. How many seashells does he have in all?

Show Your Work

- 55 seashells
- 65 seashells
- 66 seashells
- 57 seashells

2. Cynthia needs 75 participants for her survey about school uniforms. If she already has responses from 56 participants, how many more participants does she need to survey?

Show Your Work

- 26 participants
- 21 participants
- 29 participants
- 19 participants

3. Inez and Camilla walk to school. Inez says their walk to school takes 33 minutes. Camilla says her walk takes 16 minutes. How much longer is Inez's walk than Camilla's?

Show Your Work

- 27 minutes
- 17 minutes
- 15 minutes
- 19 minutes

4. Kate is keeping track of how many pages she reads each night. On Wednesday, she reads 16 pages. On Thursday, she reads 19 pages. How many pages did she read on Wednesday and Thursday together?

Show Your Work

- 35 pages
- 25 pages
- 36 pages
- 26 pages

5. Caroline is trying to save up enough money to buy a new bike. She gets \$28 for her birthday and makes \$33 doing chores. If the bike is \$57, does she have enough money?

Show Your Work

- Yes, she has exactly enough.
- Yes, and she has \$4 extra.
- No, she is \$4 short.
- No, she is \$6 short.

6. River brought cupcakes to school to share with his class. He has a box of 12 cupcakes and a box of 14 cupcakes. If there are 28 kids in his class, does he have enough cupcakes?

Show Your Work

- Yes, he has exactly enough.
- Yes, and he has 2 extra cupcakes.
- No, he is 2 cupcakes short.
- No, he is 4 cupcakes short.

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



- Which equation could Adan use to check his work for this problem?
- What mistake did the student make when adding the numbers?
- What mistake did the student make when subtracting the numbers?

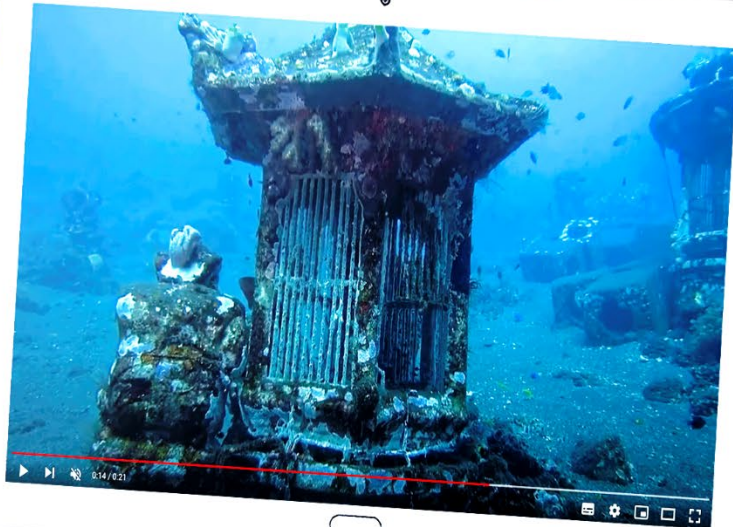
Tens	Ones
9	2

$$\begin{array}{r} 48 \\ + 19 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 7 \ 17 \\ - 36 \\ \hline 41 \end{array}$$

- The student added $8 + 9$ incorrectly.
 - The student forgot to add the ten they regrouped after adding $8 + 9$.
 - The student added $4 + 1$ incorrectly.
 - The student did not make a mistake.
- The student subtracted $7 - 6$ incorrectly.
 - The student ungrouped a 10 from the 80 that was unnecessary.
 - The student subtracted the tens incorrectly.
 - The student did not make a mistake.

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



Challenge #1

1. Solve each add or subtract problem.
2. Record answers on your brochure.
3. Check your answers in the Atlantis Decoder.
4. Add the volcano photo to your Atlantis picture.
5. Scan the QR code in the corner of the page.
6. Move on to the challenge #2.



3. $17 + 48 =$

1. $67 + 22 =$

Show your work

- a. 99
b. 79
c. 88
d. 89

2. $89 - 35 =$

Show your work

- a. 54
b. 55
c. 56
d. 65

1

Add or Subtract

$$67 + 22 =$$

- ☐ a. 99
☐ b. 79
☐ c. 88
☐ d. 89

Show Your Work

$$\begin{array}{r} \square \square \\ 67 \\ + 22 \\ \hline \square \square \end{array}$$

Tens	Ones

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1

Choose the method you will use to solve the problem. Click the yellow tab with your chosen method. Solve and show your work. Then, select the correct answer below.



Solve using manipulatives



Solve by decomposing



Solve using the standard algorithm

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$$67 + 22 = ?$$

99

88

79




89

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

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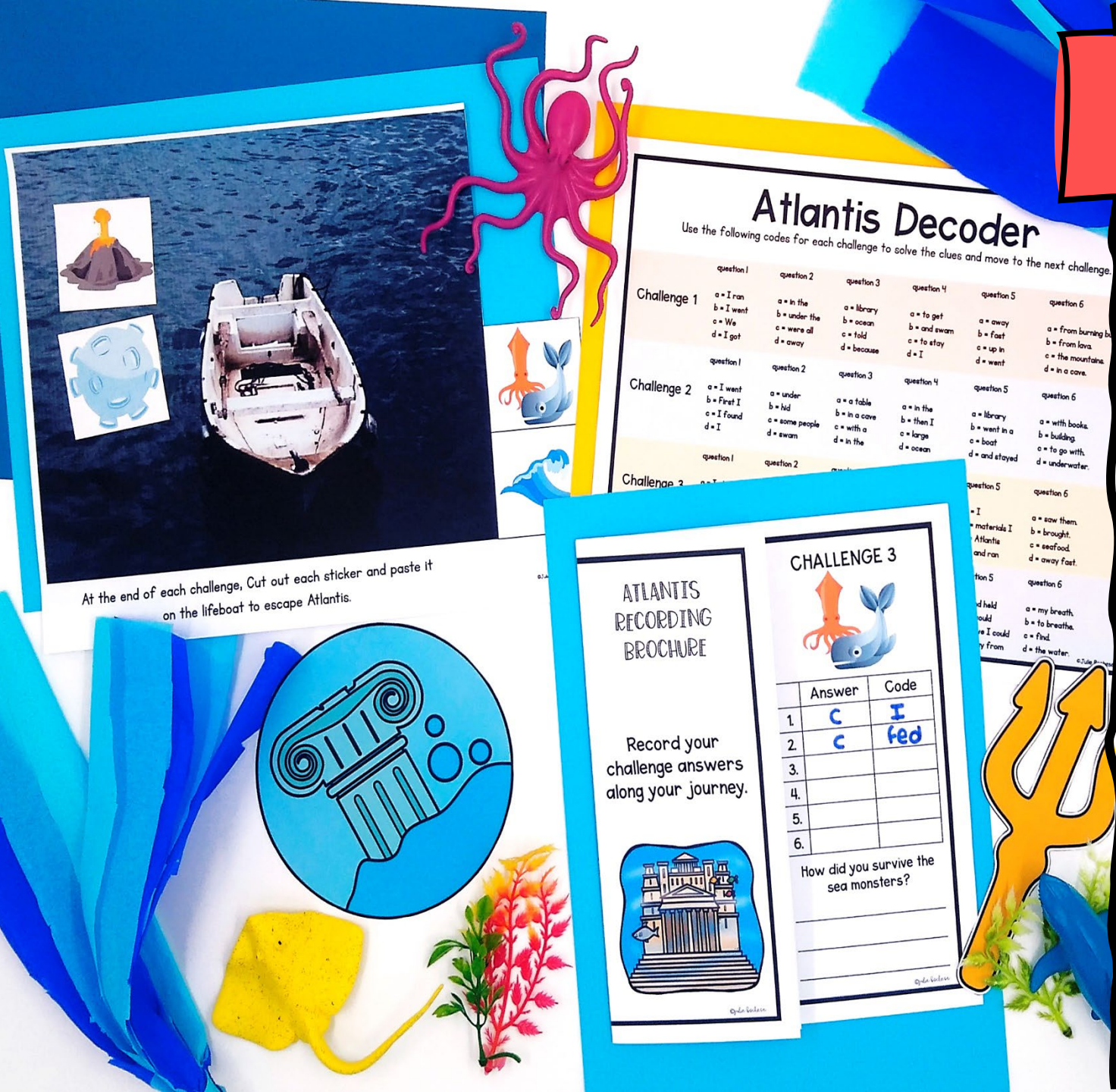
Learn more!



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

Learn more!



Atlantis Escape Room

Ashley Davis

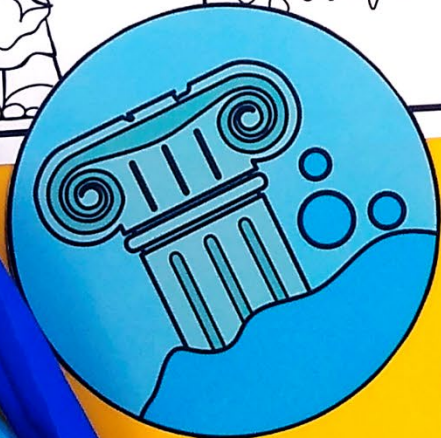
(name)

has successfully completed the challenges and
escaped Atlantis

22/05

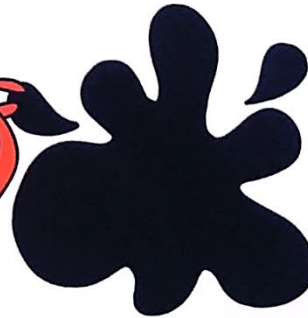
(date)

poseidon



Ooops!

You got inked by the sea monsters.



NO HELPING YOUR TEAM FOR 3
MINUTES!

©2018 Baku

Print

- OOPS! Cards for differentiation

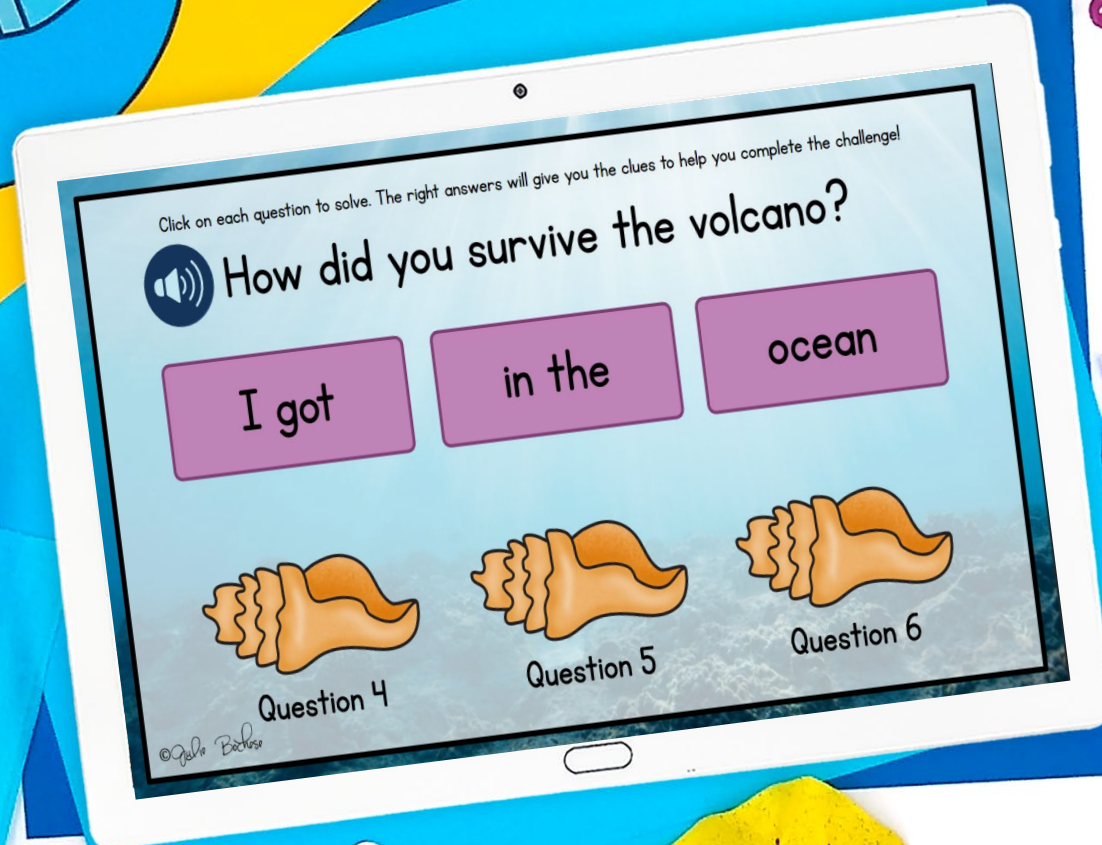
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Webscape™

- 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

Add or Subtract

1 Which equation could Mavis use to check her work for this problem? ☐

$$\begin{array}{r} 53 \\ + 46 \\ \hline 99 \end{array}$$

- a. $99 + 46 = ?$
- b. $53 + 99 = ?$
- c. $53 - 46 = ?$
- d. $99 - 53 = ?$

2 Which equation could Adan use to check his work for this problem? ☐

$$\begin{array}{r} 94 \\ - 37 \\ \hline 57 \end{array}$$

- a. $94 + 37 = ?$
- b. $37 + 57 = ?$
- c. $57 - 37 = ?$
- d. $57 + 94 = ?$

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

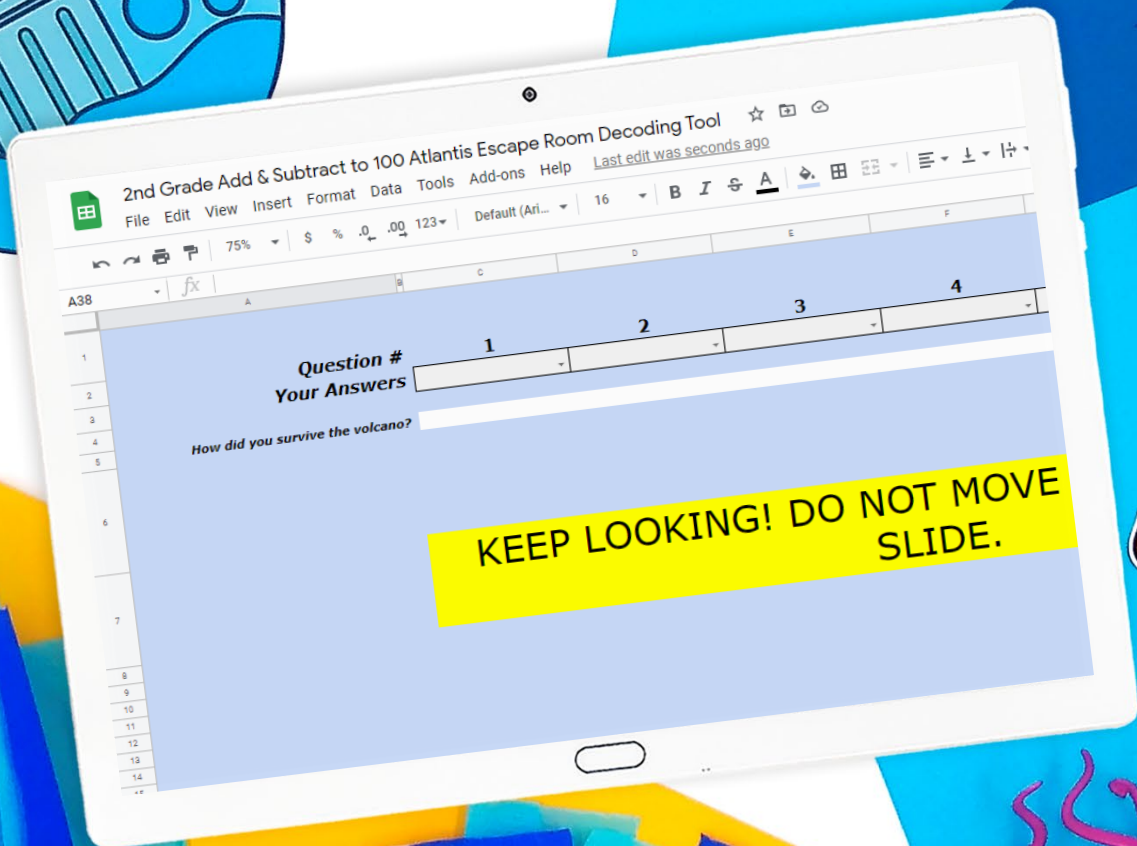
Learn more!



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

2nd Grade



Math Escape Rooms

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

Telling Time: Time Machine Escape Room

ENGAGE VIDEOS TELL THE STORY

Print and Digital

2D & 3D Shapes Catch the Bandit Escape Room

2nd 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 stole 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

MEASUREMENT LINE PLOT

2nd Grade



HAUNTED TRAIN ESCAPE ROOM

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