5th Grade

MATH SKILLS
ESCAPE ROOMS BUNDLE

GEOMETRY FRACTIONS CANDY FACTORY ESCAPE

GEOMETRY CATCH THE BANDIT ESCAPE ROOM

GRAPHING POINTS BAKING ESCAPE ROOM

GRAPH & NUMBER PATTERNS SAVE THE DRAGON ESCAPE ROOM

MATH REVIEW SCHOOL ESCAPE ROOM

MULTIPLICATION MONSTER SCIENCE LAB

MULTI-DIGIT MULTIPLICATION MONSTER SCIENCE LAB ESCAPE ROOM

MULTIPLYING & DIVIDING FRACTIONS HAUNTED TRAIN ESCAPE ROOM

& DIVISION 5th Grade MERMAID TREASURE ESCAPE ROOM

PLACE VALUE VIDEO GAME ESCAPE ROOM

MEASUREMENT CONVERSION & VOLUME TIME MACHINE ESCAPE ROOM

WORD PROBLEMS SHERLOCK HOLMES ESCAPE ROOM

ADD & SUBTRACT FRACTIONS CANDY FACTORY ESCAPE ROOM
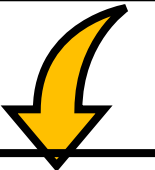
11 Escape Rooms and Skills Included

1. Word Problems– Sherlock Holmes Escape
2. Measurement Conversion & Vol. – Time Machine Escape
3. Add & Subtract Fractions– Candy Factory Escape
4. Graphing Points– Baking Escape Room
5. End of the Year Math Review– School Escape
6. Geometry– Catch the Bandit Escape
7. Multi-Digit Multiplication– Monster Science Lab Escape
8. Place Value– Video Game Escape
9. Graph & Number Patterns– Dragon Escape
10. Multiplication & Division– Mermaid Treasure Escape
11. Multiplying & Dividing Fractions– Haunted Train Escape

Learn more!

4 Mathematics Challenges

- Each escape as 4 scaffolded challenges.

- Each challenge takes about 20-30 minutes

Learn more!

Challenge #1

1. Solve each number pattern problem.
2. Record answers on your brochure.
3. Check your answers in the Dragon Decoder.
4. Add the wizard to your castle.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #2.

1. To find the wizard, you must first answer some questions about number patterns. Use the given rules to fill in the missing numbers in the table.

PATTERN A: Add 3	PATTERN B: Add 5
2	2
5	7
8	13

2. Look at the two patterns in the table below.

PATTERN X	1	2	4	8
PATTERN Y	1	3	9	27

What are the rules for the patterns?

a. Pattern X: add 1, Pattern Y: add 2
b. Pattern X: multiply by 2, Pattern Y: add 3
c. Pattern X: multiply by 2, Pattern Y: multiply by 3
d. Pattern X: add 2, Pattern Y: add 3

3. Look at the two patterns in the table below. patterns follow the given rules, which number table is incorrect?

A.   B.
↓   ↓

| PATTERN I: | | | |

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4. Look at the patterns in the table below. If you continued the patterns based on the given rules, which pattern would eventually include 50?

PATTERN I: Add 7	5	12	19	26
PATTERN 2: Add 9	5	14	23	32

a. Neither pattern
b. Pattern I
c. Pattern 2
d. Both patterns

...missing from the table?

| | 400 | 200 | | 50 |

| | 400 | 40 | 4 | 0.4 |

Scan the QR code or click here to view the video.

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6. Look at the patterns in the table below and determine the rules they follow. Which statement is true?

PATTERN A	5	27	49	71
PATTERN B	1	4	16	64

a. Pattern A uses addition and Pattern B uses multiplication
b. Pattern A uses multiplication and Pattern B uses addition
c. Both patterns use addition
d. Both patterns use multiplication

Challenge #2

1. Solve each number pattern problem.
2. Record answers on your brochure.
3. Check your answers in the Dragon Decoder.
4. Add the goblin to your castle.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #3.

1. To find the goblin, you must first answer some questions about number patterns. Look at the patterns in the table below. Which statement is true?

PATTERN X: Add 8	0	8	16	24
PATTERN Y:	0	4	8	12

a. Each number in pattern X is 8 more than the corresponding number in pattern Y
b. Each number in pattern Y is 4 less than the corresponding number in pattern X
c. Each number in pattern X is two times the corresponding number in pattern Y
d. Each number in pattern X is half the corresponding number in pattern Y

2. Look at the patterns in the table below. Which statement is true?

PATTERN I: Multiply by 3	1	3	9	27
PATTERN 2: Multiply by 6	1	6	36	216

a. The numbers in both patterns get larger as the pattern continues
b. The numbers in pattern 2 get larger faster than the numbers in pattern I
c. Both A and B are true
d. Neither A or B is true

3. You have two patterns that follow different pattern rules. The numbers in pattern A get smaller as the sequence continues. The numbers in pattern B get bigger. Which statement could be true?

a. Pattern A uses subtraction, pattern B uses division
b. Pattern A uses addition, pattern B uses multiplication
c. Pattern A uses multiplication, pattern B uses subtraction
d. Pattern A uses division, pattern B uses addition

Challenge #3

1. Solve each word problem with patterns.
2. Record answers on your brochure.
3. Check your answers in the Dragon Decoder.
4. Add the elf to your castle.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #4.

1. To find the elf, you must go into the Enchanted Forest. In the forest, there are elm and oak trees. The elm trees have 5 leaves on the highest branch, 9 leaves on the one below it, then 13 on the one below that, and the sequence continues. The oak trees have 5 leaves on the highest branch, 11 on the one below it, then 17 on the one below that, and the sequence continues. How many more leaves are on

2. You find two fairies in the forest sorting gems... The blue fairy makes a pile of 51 stones. Each pile makes has 9 stones fewer than the pile before... yellow fairy makes a pile of 9 stones. Each pile makes has 5 stones more than the pile before it... which pile do the blue and yellow fairies have the... number of gemstones?

   a. The fourth pile
   b. The third pile
   c. The fifth pile
   d. The fairies never have the same number

3. You come across a clearing with some small hot... in the forest. In the first hot spring, there are... rocks and 7 brown rocks. In the second hot sp... there are 7 gray rocks and 9 brown rocks. In...

4. As you walk through the forest, you find this input–output table carved in a tree. Which of the following rules correctly describes how to achieve the output?

INPUT	OUTPUT
3	8
4	10
5	12
6	14

   a. Add 6 to input
   b. Add 2 to input, then multiply by 2
   c. Subtract 1 from input, then multiply by 4
   d. Multiply input by 2, then add 2

5. In the forest, you stumble upon some piles of leaves and pinecones. In one pile, there are 6 pinecones and 18 leaves. In another pile, there are 3 pinecones and 9 leaves. A third... has 9 pinecones and 27 leaves. If the pattern conti... pinecones are in a pile with 9...

6. There are two streams in the forest. The water in the streams travels at different speeds depending on the time of day. The water in the first stream moves at 4 miles per hour at 9 am. At 10 am, it moves at 6 miles per hour, and at 11 am, it moves at 8 miles per hour. The water in the second stream moves at 2 miles per hour at 9 am, 5 miles per hour at 10 am, and 8 miles per hour at 11 am. If the patterns continue, what is the difference in the water speed between the two streams at 2 pm?

   a. 4 miles per hour
   b. 6 miles per hour
   c. 5 miles per hour
   d. 3 miles per hour

Scan the QR code or click here to view the video.

Challenge #4

1. Solve each graphing problem.
2. Record answers on your brochure.
3. Check your answers in the Dragon Decoder.
4. Add the sword to your castle.
5. Scan the QR code in the corner of the next page.
6. Defeat the rider and find the dragon!

1. To find the goblin, you must answer some questions about graphing patterns. Two patterns are shown in the table below. Which of the following ordered pairs could be created from the numbers in the table?

X	Y
6	10
8	12
10	14
12	16

   a. (8, 12)
   b. (14, 10)
   c. (10, 12)
   d. (6, 8)

2. The rule for the pattern of the table below is that Y is four less than X. Which of the following... could be created f...

   a. (25, 2...
   b. (11, 15...
   c. (20, 16...
   d. (12, 16...

3. Which point on th... ordered pair from...

X	Y
2	4
6	8
18	16
54	32

THE ELVES WILL TELL YOU WHERE TO FIND ME...

Challenge #1

WATERFRONT

1. Solve each properties of shapes problem.
2. Record answers on your brochure.
3. Check your answers in the Bandit Decoder.
4. Add the waterfront pin to your map.
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. Read the statements below and answer the question:
   • A rectangle is a quadrilateral with 4 right angles
   • A rhombus is a quadrilateral with 4 sides of equal length
   What is the most precise name for a shape that is both a rectangle and a rhombus?
   a. Parallelogram
   b. Square
   c. Trapezoid
   d. Pentagon

5. Select an answer to fill in the blank

Solve the Properties of Shapes Problem

Read the statements below and answer the question:
   • A rectangle is a quadrilateral with 4 right angles
   • A rhombus is a quadrilateral with 4 sides of equal length

1 Read the statements below and answer the question:
   • A rectangle is a quadrilateral with 4 right angles.
   • A rhombus is a quadrilateral with 4 sides of equal length.

What is the most precise name for a shape that is both a rectangle and a rhombus?

| Parallelogram | Square | Trapezoid | Pentagon |

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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- Webscape ™ (Our most popular experience)

Learn more!

Candy Factory 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	a = mixing	a = water	a = and		a = ingredients.
b = Stirring	b = chocolate	b = and	b = vanilla	a = 2 more	b = together.
c = By	c = cooking	c = them	c = in	b = and other	c = oven.
d = Dyeing	d = them with	d = sugar,	d = gelatin	c = the	d = colors.
				d = in many	

Challenge 2

question 1	question 2	question 3	question 4	question 5	question 6
a = Putting					a = a cloud.
b = By					
c = Mixing					
d = Baking					

Challenge 3

question 1
a = Smashing
b = Tiny
c = All
d = The

Challenge 4

question 1
a = Piping
b = By
c = First
d = Taking

At the end of each challenge, cut out each sticker and paste it on the [candy] factory to earn the keys to the factory.

CANDY FACTORY RECORDING BROCHURE

Record your challenge answers along your journey.

CHALLENGE 3

	Answer	Code
1.	d	The
2.	c	fun-Size
3.	a	Floor
4.		
5.		
6.		

How did you make the fun sized chocolate?

- 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

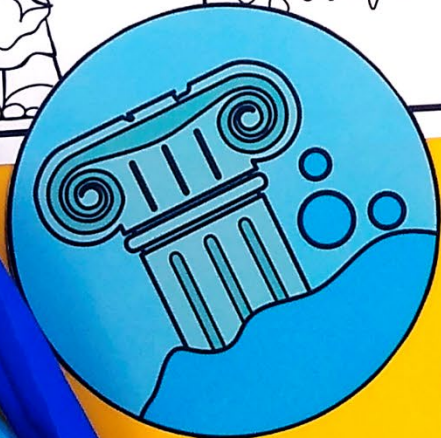*Learn more!*

Atlantis Escape Room

Ashley Davis
(name)

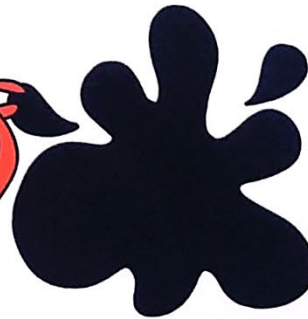has successfully completed the challenges and escaped Atlantis

22/05
(date)

poseidon

Ooops!
You got inked by the sea monsters.

NO HELPING YOUR TEAM FOR 3 MINUTES!

Print

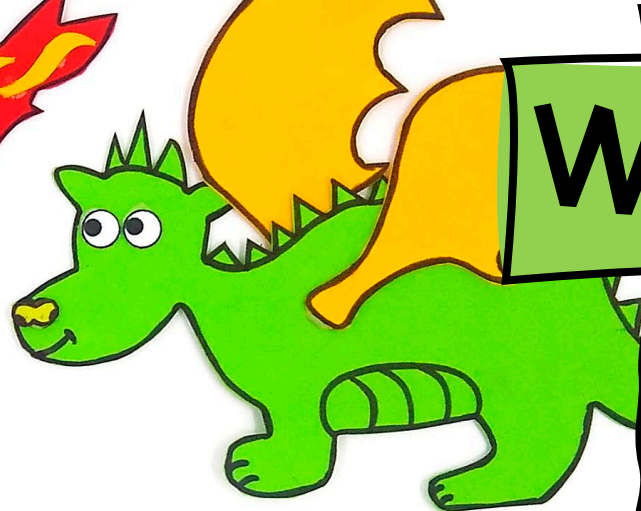- OOPS! Cards for differentiation

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Webscape ™

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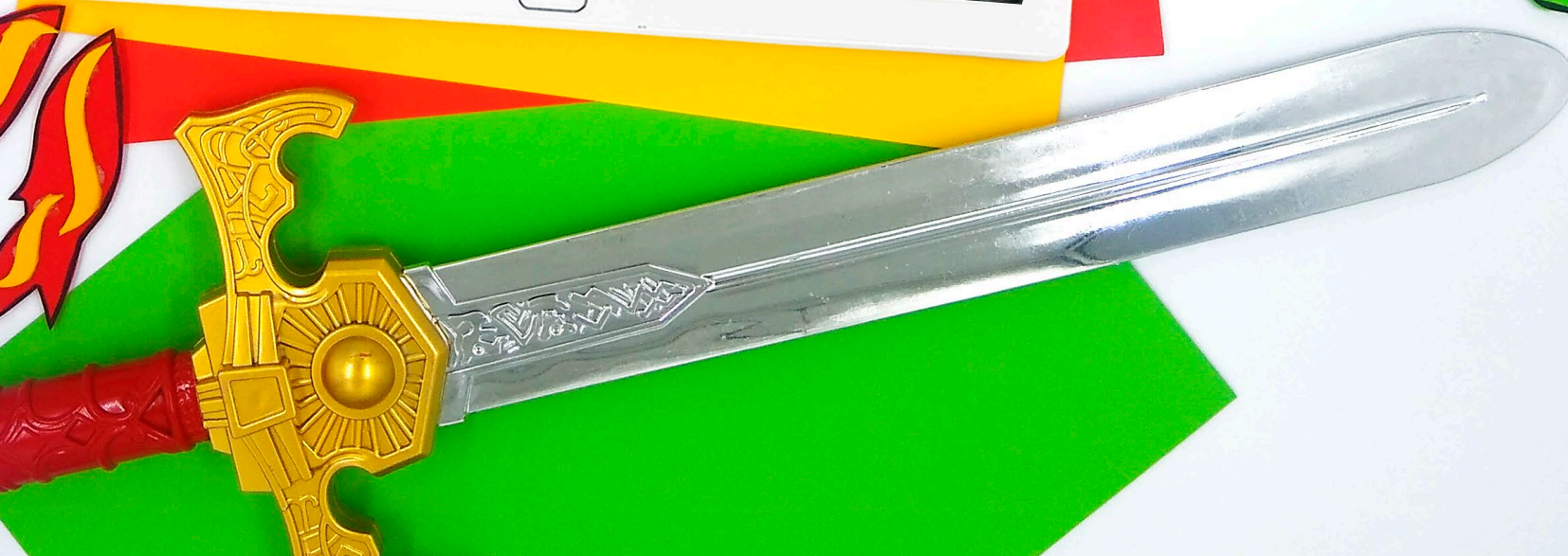- Embedded audio
- Animation
- Simple navigation
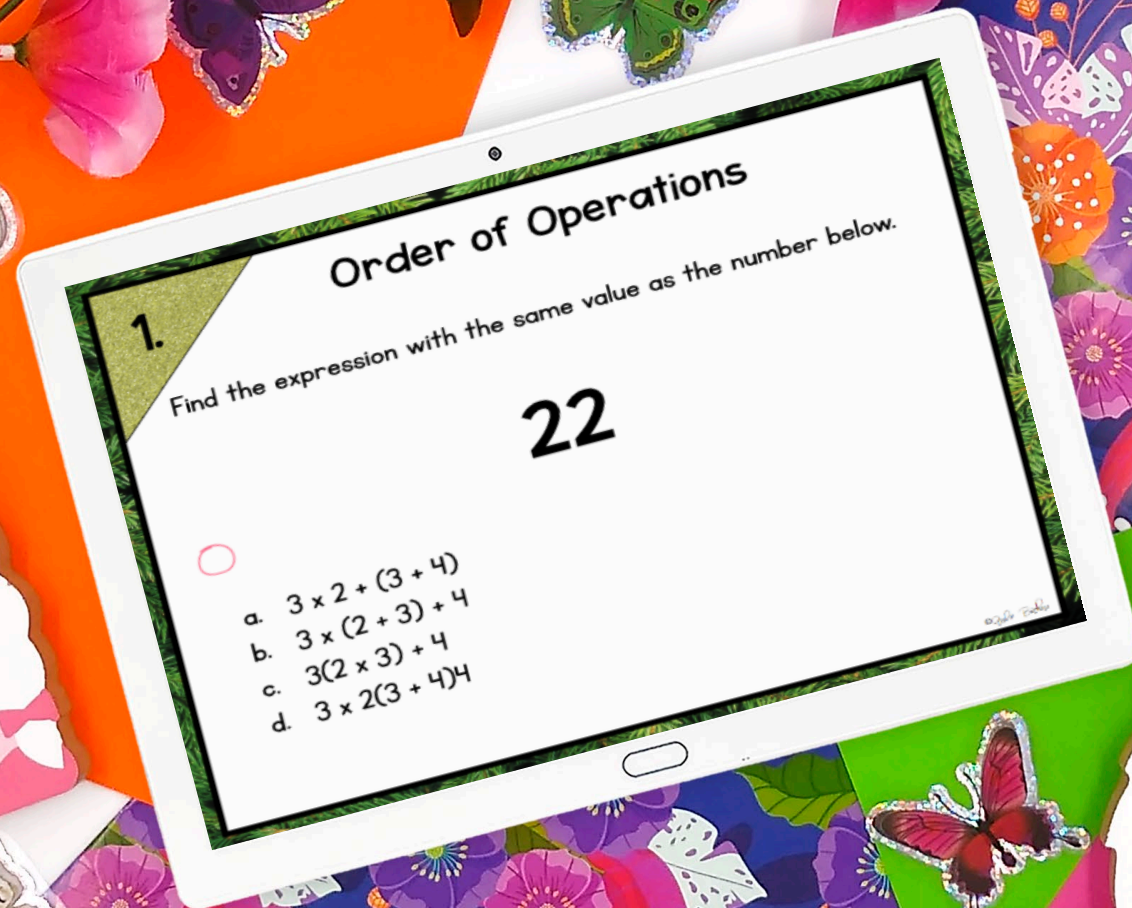
Learn more!

Click on each question to solve. The right answers will give you the clues to help you complete the challenge!

How did you find the wizard?

I found a plant he uses in potions

Question 9
Question 10
Question 11
Question 12

Webscape ™

Drag the wizard from the forest into your castle.

- 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

- One problem per slide

- Students drag to circle their answers

Learn more!

Order of Operations

1. Find the expression with the same value as the number below.

22

a. 3 x 2 + (3 + 4)
b. 3 x (2 + 3) + 4
c. 3(2 x 3) + 4
d. 3 x 2(3 + 4)4

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!