

2nd Grade

HALLOWEEN MATH



ESCAPE ROOM

PRINTABLE • GOOGLE • WEBSCAPE™

Print & Digital Options

Printable Directions



Materials:

- Printed cards for each team
- Computer or Tablet for Videos (optional)

Duration: Approximately 90 minutes. You can also split this up into four 20- to 30-minute activities over four days, having students complete one challenge per day.

Prep

Print challenge cards and recording sheet for each team. Place challenge cards into envelopes.

Directions

1. Split your class into teams of 4-5 students. Ensure teams are multi-level.
2. (Optional) Show the introduction video.
3. Give each team their envelope for challenge #1.
4. Allow time for each team to work through each challenge. Once they solve the challenge, they should turn the code in to the teacher to check before the teacher assigns the consecutive challenge. (Optional) Teacher may show completion videos after each challenge is solved.
5. The first team to complete all four challenges solves the case and team members receive the certificates.
6. Assign "oops" cards to help create equity. Give an "oops" card to students who are taking the lead, to encourage them to step back and give other students a turn.



Print

- Low prep
- Student collaboration
- Can eliminate technology

Google Slides

- Decoder included for self correcting
- Videos



Webscape

- Self correcting
- Easy to follow
- Animation
- Videos
- Audio

Print Friendly Version

Challenge #1

1. Solve each addition or subtraction problem.
2. Record answers on your brochure.
3. Check your answers in the Halloween Decoder.
4. Add the mummy to the photograph.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #2.



1. Audrey is trick-or-treating with her brother, Hugo. Audrey has 54 pieces of candy in her bucket. Hugo has 27 pieces of candy in his bucket. How much candy do Audrey and Hugo have altogether?

a.



2. Audrey and Hugo trade some of their candy. Audrey gives Hugo 12 pieces of candy from her bucket. Hugo gives her 18 pieces of candy from his bucket. How much candy does Audrey have now?
 - a. 56 pieces of candy
 - b. 51 pieces of candy
 - c. 60 pieces of candy
 - d. 62 pieces of candy
3. At the end of the evening, Audrey has 78 pieces of candy. That's 23 pieces of candy more than Hugo has. How many pieces of candy does Hugo have?
 - a. 45 pieces of candy
 - b. 55 pieces of candy
 - c. 101 pieces of candy
 - d. 62 pieces of candy

Video Tell the Story



Four Challenges

HALLOWEEN ESCAPE ROOM

Challenge #1: Solve the addition and subtraction problems to find the mummy.

Challenge #2: Solve the problems with place value to find the vampire.

Challenge #3: Solve the problems with graphs and charts to find the pirate.

Challenge #4: Solve the word problems to find the jack-o-lantern.



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Challenges Assess Various Skills

Challenges

1. Solve the "addition or subtraction" problems to add the mummy to the photo.
2. Solve the "place value" problems to add the vampire to the photo.
3. Solve the "graph and charts" problems to add the pirate to the photo.
4. Solve each of the word problems to add the jack-o-lantern to the photo.

Interactive



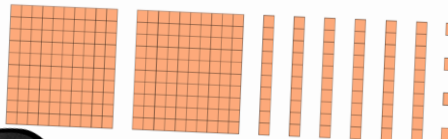
Practice Questions



5.

Place Value

Margo has 3 siblings. When they get home, they combine all their candy and count it. The number of candies they have altogether is shown with the place value blocks below. How many candies do Margo and her siblings have?



Show your work

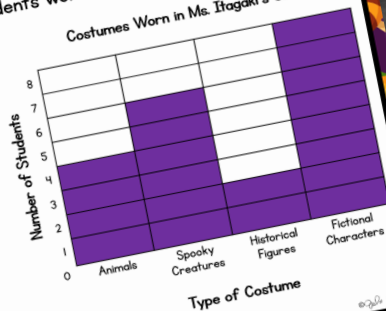
2.

Graphs & Charts

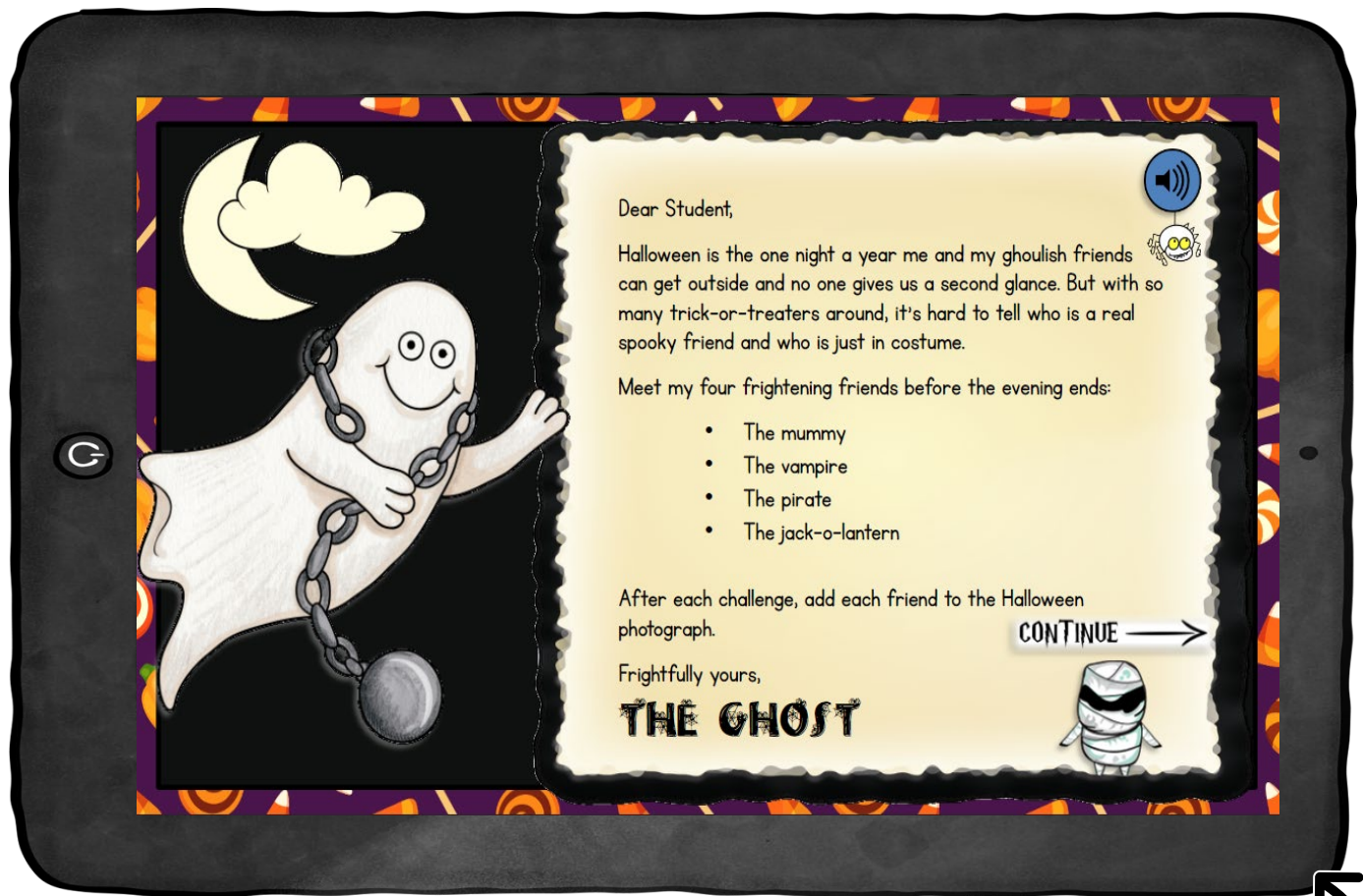
The students in Ms. Itagaki's class dressed up for the Halloween parade. The bar graph shows how many students wore each type of costume.

How many students dressed up as spooky creatures or animals?

- a. 4 students
- b. 10 students
- c. 8 students
- d. 2 students



Webscape™



Most immersive and easy-to-follow experience. Students follow directions with the click of a button.

Webscape™



Includes option for audio on directions and questions.

Webscape™



Self-correcting but maintains rigor by ensuring students are not guessing.

Webscape™



2. Audrey has 54 pieces of candy in her bucket. Hugo has 27 pieces of candy in his bucket. They trade some of their candy. Audrey gives Hugo 12 pieces of candy from her bucket. Hugo gives her 18 pieces of candy from his bucket. How much candy does Audrey have now?

56 pieces

51 pieces

60 pieces

62 pieces

Questions review key 2nd grade
math skills.

Printable Version Includes "Ooops!" Challenges

OOPS!

You ate too much Halloween candy and feel sick.



YOU MUST STAY QUIET FOR 5
MINUTES. NO SPEAKING!

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OOPS!

wrong turn while trick-or-treating
and got lost.



NO HELPING YOUR TEAM
FOR 3 MINUTES!

©2015 Baker



Printable Version

Includes Recording


Brochure & Decoder

HALLOWEEN DECODER

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


CHALLENGE 1	CHALLENGE 2	CHALLENGE 3	CHALLENGE 4
question 1 a = He b = First c = The d = When	question 2 a = skeleton b = where c = was d = if	question 3 a = walking b = hiding c = scary d = candy	question 4 a = spooky b = said c = in d = behind
question 1 a = Behind b = Where c = Hanging d = Because	question 2 a = spiderweb b = spinning c = from the d = after	question 3 a = ceiling b = second c = far away d = sideways	question 4 a = fright b = to make c = hungry d = inside a
question 1 a = Smashing b = Why c = All d = Listen	question 2 a = them on b = for c = listen d = same	question 3 a = the b = make c = dark d = way	question 4 a = with b = them c = switching d = night
question 1 a = Among b = By c = First d = Taking	question 2 a = hiding b = throwing c = the d = scream	question 3 a = on b = between c = without d = cornucopia	question 4 a = in the b = ground c = candy d = pumpkin

CHALLENGE 1



	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where did you find the mummy?




CHALLENGE 2

	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where did you find the vampire?

CHALLENGE 3



	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

How can you find the pirate?

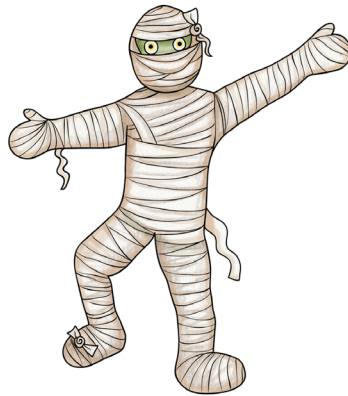
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Google Slides Prompt Students to use Decoder



Collect the Mummy

Enter your answers in the Decoder to see if you got
the mummy.



DO NOT go to the next page until
prompted to do so by the
Decoder!

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Decoder in Digital Version is Self-Checking

