

3rd 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 #2

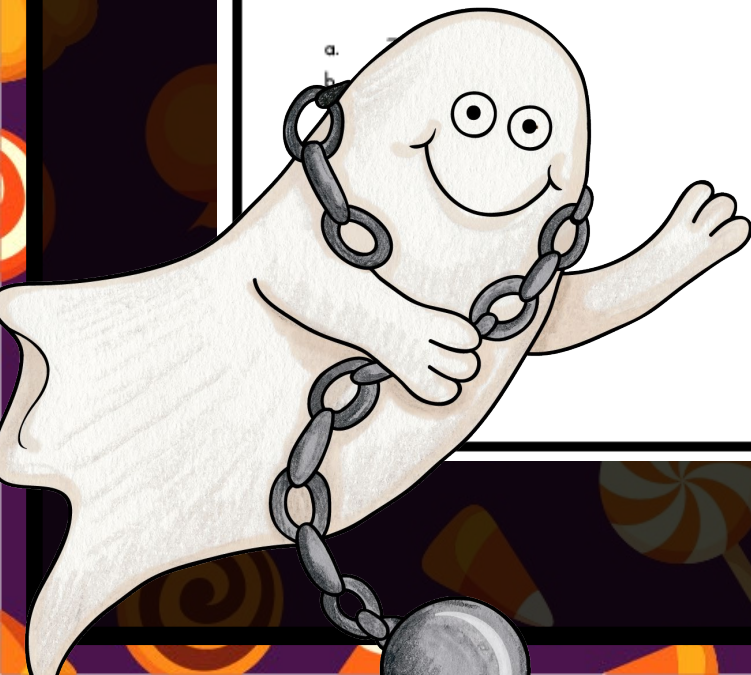
1. Solve each division problem.
2. Record answers on your brochure.
3. Check your answers in the Halloween Decoder.
4. Add the vampire to the photograph.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #3.



1. There are 54 people riding on floats in a Halloween parade. There are 9 floats, and an equal number of participants ride each float. How many people are on each float?

a.

b.



2. The route of the Halloween parade is 5 miles long. It takes each float 35 minutes to complete the whole route. If the floats move at the same speed throughout the whole parade, which equation shows how long it takes a float to travel one mile?
 - a. $35 \div 7 = 5$ minutes
 - b. $5 \div 35 = 7$ minutes
 - c. $35 \div 5 = 7$ minutes
 - d. $5 \times 35 = 175$ minutes
3. On the Haunted Hayride parade float, there are 3 people throwing candy to the spectators. They throw 18 buckets of candy into the crowd in total. Each person throws an equal amount of candy, and you want to determine how much candy each person threw. Which multiplication equation can you use to help you solve this division problem?
 - a. $3 \times 6 = 18$
 - b. $3 \times 18 = 54$
 - c. $9 \times 2 = 18$
 - d. $3 \times 3 = 18$

Video Tell the Story



Four Challenges

HALLOWEEN ESCAPE ROOM

1. Challenge #1: Solve the multiplication problems to find the mummy.
2. Challenge #2: Solve the division problems to find the vampire.
3. Challenge #3: Solve the problems with place value to find the pirate.
4. Challenge #4: Solve the problems with fractions to find the jack-o-lantern.

Challenges Assess Various Skills

Challenge #1

1. Solve each multiplication problem.
2. Check your answers in the Halloween Decoder.
3. Add the mummy to the photograph and move on to challenge #2.



©Jill Baker

Interactive



Practice Questions



5.

Place Value

Mrs. Powell 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

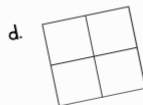
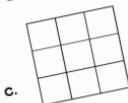
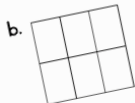
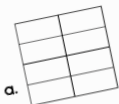
c. Lollipops & gummies

d. Lollipops & candy corn

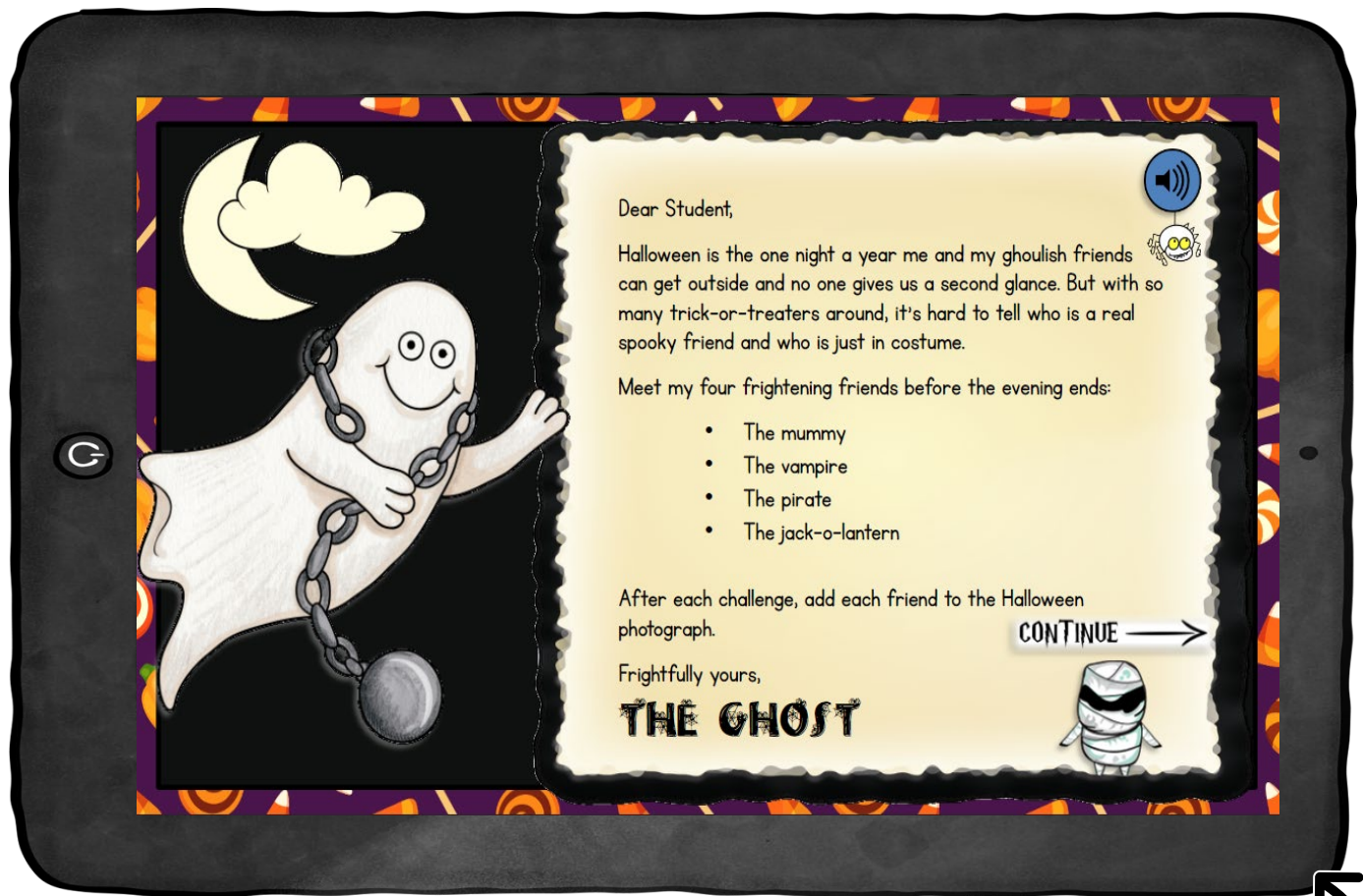
Fractions

1.

Ms. Itagaki's class is having a Halloween party. Ms. Itagaki brought in a pan of brownies. She cuts the pan of brownies into eighths. Which of the figures below shows how Ms. Itagaki might have cut the brownies? ☐

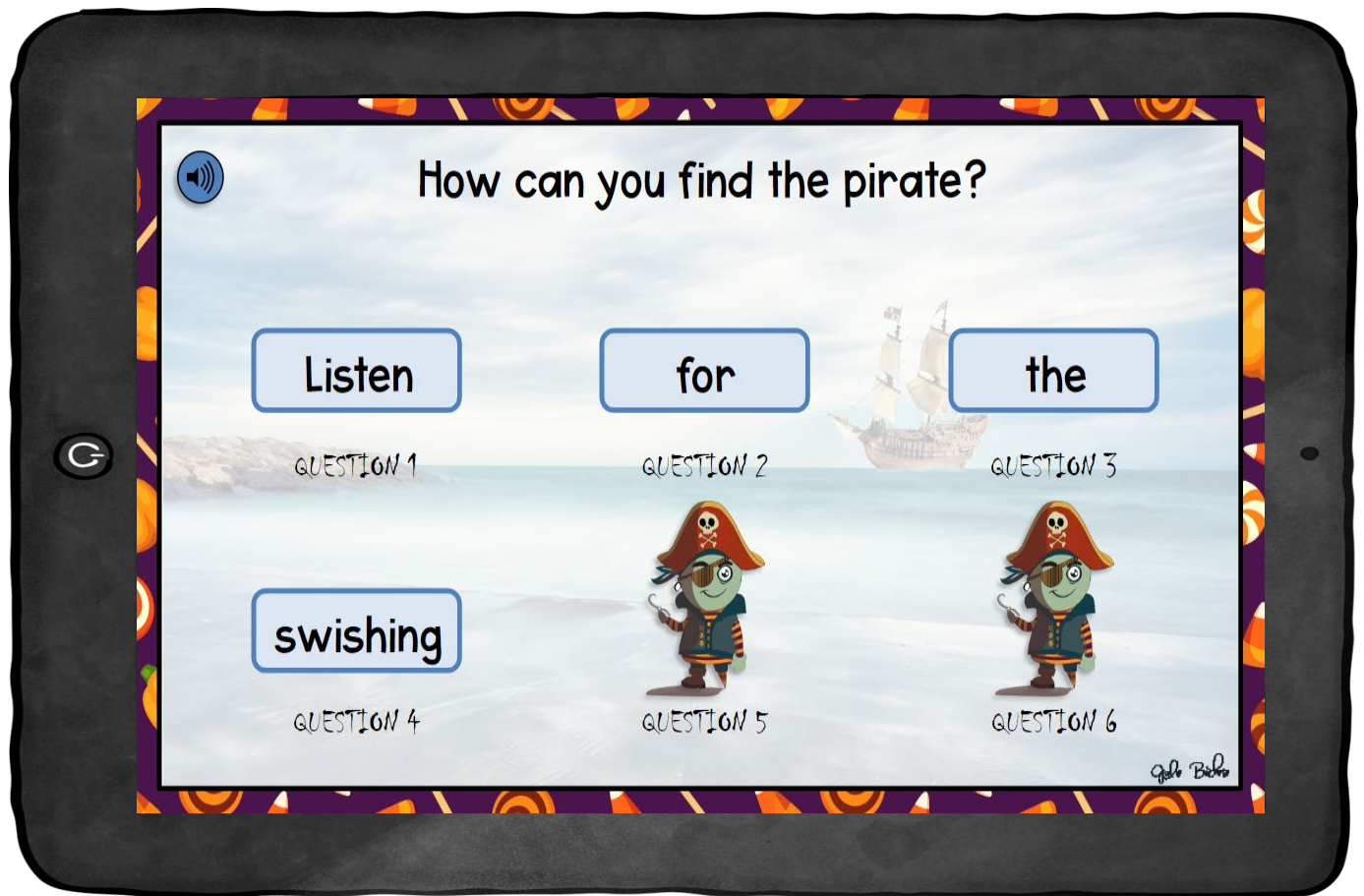


Webscape™



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

Webscape™



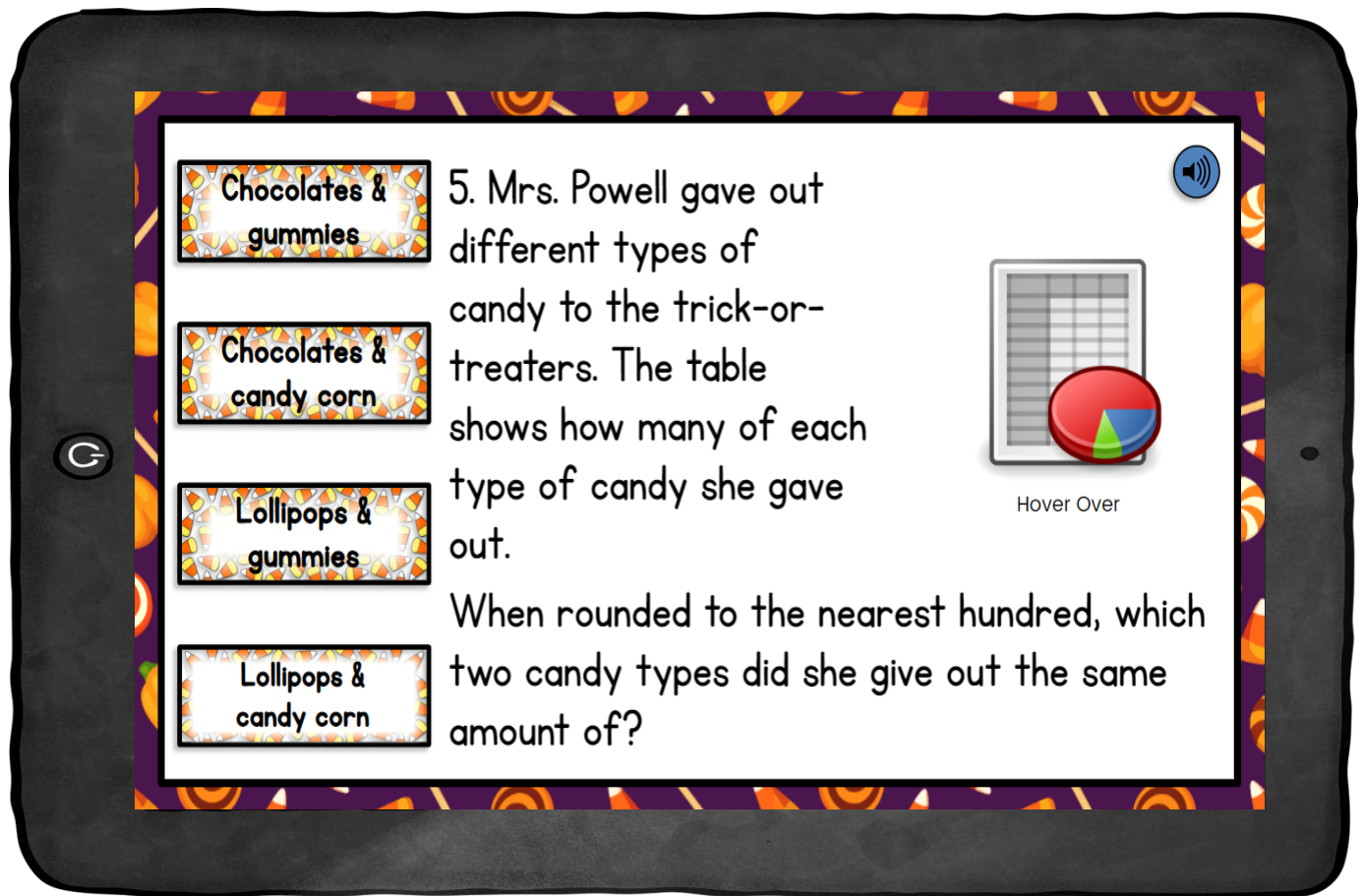
Includes option for audio on directions and questions.

Webscape™



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

Webscape™



The tablet screen shows a math problem. On the left, there are four buttons with candy icons: 'Chocolates & gummies', 'Chocolates & candy corn', 'Lollipops & gummies', and 'Lollipops & candy corn'. The main text reads: '5. Mrs. Powell gave out different types of candy to the trick-or-treaters. The table shows how many of each type of candy she gave out.' To the right of the text is a placeholder for a table, represented by a grid icon and a pie chart icon. Below the grid icon is the text 'Hover Over'. A speaker icon is in the top right corner of the tablet screen.

Chocolates & gummies

Chocolates & candy corn

Lollipops & gummies

Lollipops & candy corn

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

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

Hover Over

Questions review key 3rd 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!



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?

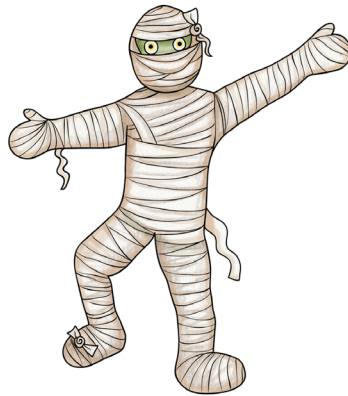
©2016 Betsy

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!

©2018 Betsy

Decoder in Digital Version is Self-Checking

