MEASUREMENT LINE PLOT

HAUNTED TRAIN ESCAPE ROOM

MagiCore

PRINTABLE • GOOGLE • WEBSCAPE™

ONE PASSAGE
HAUNTED RAILROAD

Welcome aboard for your job on the train! The spirits have luggage that need tending to.

You must complete the challenges to get these passengers' items to help the conductor.

1. Get the steamer trunk from the ghost.
2. Get the hat box from the witch.
3. Get the suitcases from the skeletons.
4. Get the key to the werewolf's crate.

After each challenge, add the item to your train to help the conductor.

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Welcome Aboard!

Students won't realize they are practicing Line Plots skills! They will be immersed in the storytelling and our original videos as they complete math challenges.
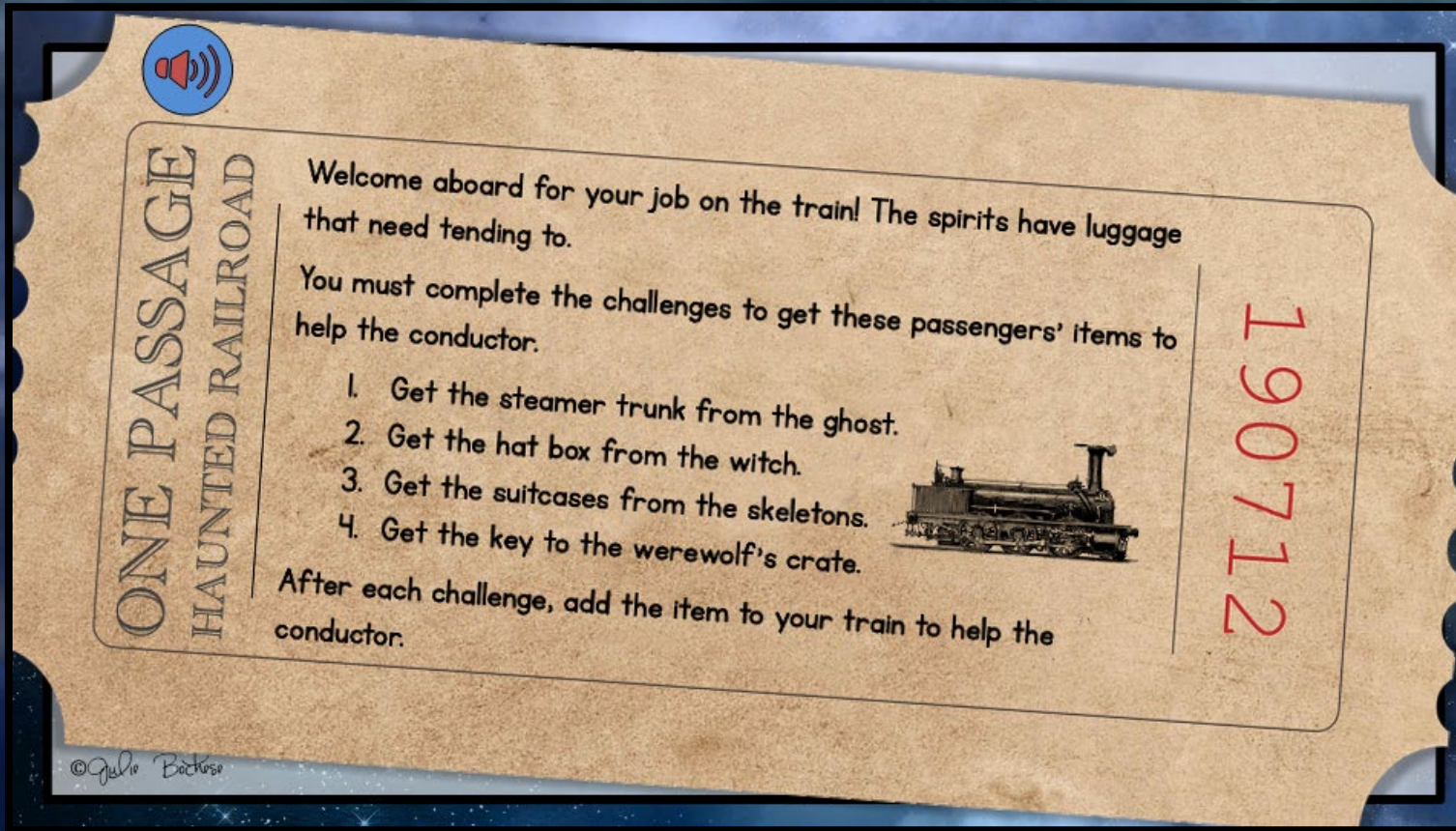
Learn more!

Challenge #1

1. Solve each "make the line plot" problem.
2. Use your answers to get the steamer trunk from the ghost.
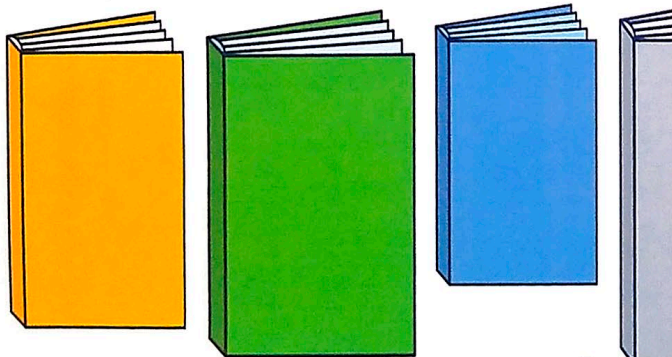3. Add the steamer trunk to your train to move on to the next challenge.

TRAIN

2. Measure the snacks.

The conductor was hungry and went to the dining car to buy some snacks for the long train ride. He measured them to be sure they would fit in his lunch bag. Measure each snack to find their width at the widest point.

2. Which snack is 4 ½ inches wide?
   a. pretzel   b. pizza   c. cookie   d. doughnut

3. Which snack is 3 ½ inches wide?
   a. pretzel   b. pizza   c. cookie   d. doughnut

4. Which snack is 4 inches wide?
   a. pretzel   b. pizza   cookie   d. doughnut
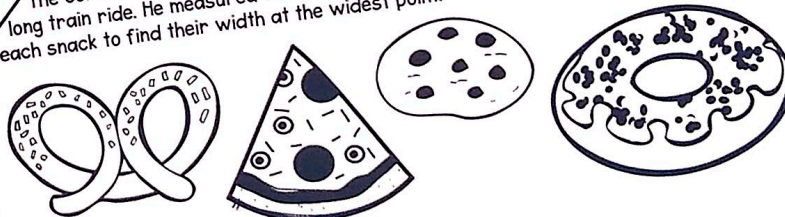
©Julie Boches

1. Find the missing book.

A valuable book is missing from the library car. It is 5 ½ inches tall. [ ] was seen with four books. One is the missing book. Use the ruler to determine the missing book.

1. Which is the missing book?
   a. yellow   b. green   c. blue   d. gray

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4 Mathematics Challenges

Challenge #3

1. Solve the "make the line plot" problems.
2. Use your answers to get the suitcases from the skeletons.
3. Add the suitcases to your train to move on to the next challenge.

1. Read the Line Plot

The library car has books of different heights that need to be put on a bookcase. Mrs. Jones, one of the passengers, offered to help organize the shelves. She created a line plot to determine which books to put on each shelf. Read the data on the line plot and answer the questions.

Books in the library car

Measurement in inches

8   8 ¼   8 ½   8 ¾   9   ?   9 ½
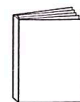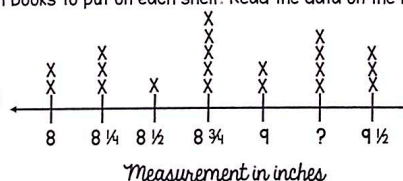
1. Mrs. Jones forgot to write a measurement on the line plot. What number did she forget?

   a. 9 ¾   b. 9   c. 9 ½   d. 9 ¼

2. How many books will Mrs. Jones put on the bookcase?

   a. 19   b. 20   c. 21   d. 18

Collect the Suitcases

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

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

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

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Next the train pulls into Skeleton Station,

- Themed videos integrated throughout the Escape Room to keep kids engaged.

- Students work in groups, partners, or independently.

Learn more!

3 Versions

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

Learn more!

Find the missing book.

A valuable book is missing from the library car. It is 5 ½ inches tall. One passenger was seen with four books. One is the missing book. Use the ruler to determine which is the missing book.

| Yellow | Green | Blue | Gray |

	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!

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!

The Haunted Train

997247-2

At the end of each challenge, cut out each picture and paste it on the haunted train to survive.

TRAIN

Train Decoder page 1

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 = Before	a = they	a = screamed	a = a	a = werewolf	a = away
b = When	b = she	b = frightened	b = the	b = skeleton	b = outside
c = After	c = he	c = cried	c = two	c = ghost	c = when
d = While	d = I	d = ran	d = ten	d = witch	d = running

Question 7	Question 8	Question 9	Question 10	Question 11	Question 12
a = Clyde	a = left	a = so	a = suitcase	a = seat	a = away.
b = mother	b = right	b = then	b = dining	b = trunk	b = hiding.
c = It	c =	c = but	c = steamer	c = car	c = behind.
			d = boot	d = conductor	d = ghost.

Question 3	Question 4	Question 5	Question 6
offered	a = mine	a = and	a = Mrs
arranged	b = them	b = to	
gave	c = the	c = the	
created	d = it	d = than	

Question 9	Question 10	Question 11	Ques
left	a = car	a = dining	a = car.
entered	b = snack	b = library	b = seat.
became	c = the	c = passenger	c = trunk.
realized	d = my	d = train	d = room.

Haunted Train Recording Brochure

Record your answers as you complete each challenge.

	Answer		Answer
1.	C	7.	The
2.	C	8.	skeletons
3.		9.	
4.		10.	
5.		11.	
6.		12.	

How did you get the suitcases?

_____

_____

_____

CHALLENGE 3

Haunted Train Escape Room

Riley Smith

(name)

has successfully completed the challenges and helped the conductor.
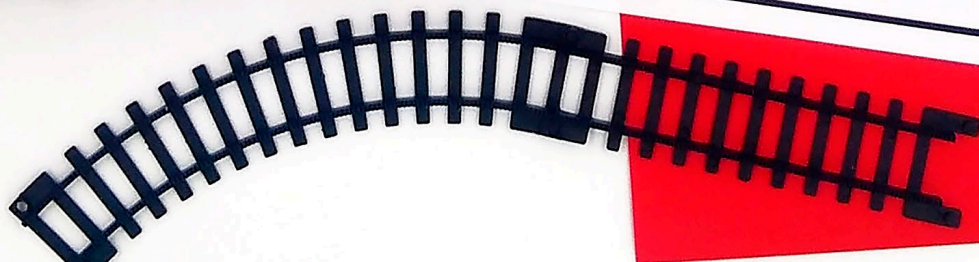
24 / 03

(date)

The Conductor

Oops!

You got spooked by the ghost.

You must stay quiet for 5 minutes. No speaking!
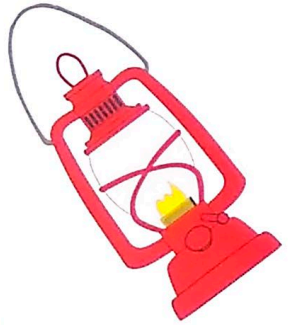
- OOPS! Cards for differentiation

Learn more!

Webscape ™

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

Learn more!

On the tablet screen:

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

How did you get the steamer trunk?

| When | I | frightened | a | ghost |

Question 6

Question 7 · Question 8 · Question 9 · Question 10 · Question 11 · Question 12

TRAIN

Webscape ™

On the tablet screen:

Drag the suitcases onto the Haunted Train.

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TRAIN

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

Read the measurement data.

Challenge 2

Suitcases are measured with a tape measure before they are placed in the luggage car. They are placed on three racks that hold different sizes of suitcases. The conductor needs help reading the suitcase measurements.

Suitcase Measurements

Length	12 inches	15 inches	18 inches	20 inches	24 inches	30 inches	36 inches
Number	8	11	23	?	21	19	5

1. The conductor forgot the number of suitcases that measure 20 inches. He knows there are 112 suitcases in all. How many suitcases are 20 inches long? ○

   a. 24   b. 26   c. 27   d. 25

2. The bottom shelf will hold suitcases from 24 to 36 inches long. How many suitcases can the conductor place on the bottom shelf? ○

   a. 40   b. 35   c. 45   d. 50

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!