

2nd Grade

MEASUREMENT SPORTS ESCAPE ROOM



PRINTABLE • GOOGLE • WEBSCAPE™

Print & Digital Options

Printable Directions



Materials:

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

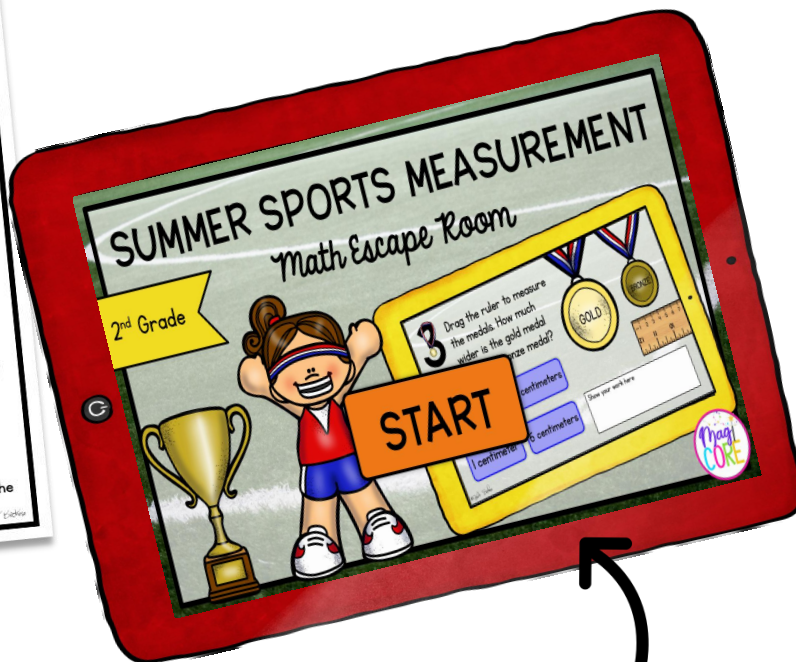
Duration: Approximately 90 minutes. You can also split this up into four 20- to 30-minute activities over four days, having students complete one challenge per day.

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 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.

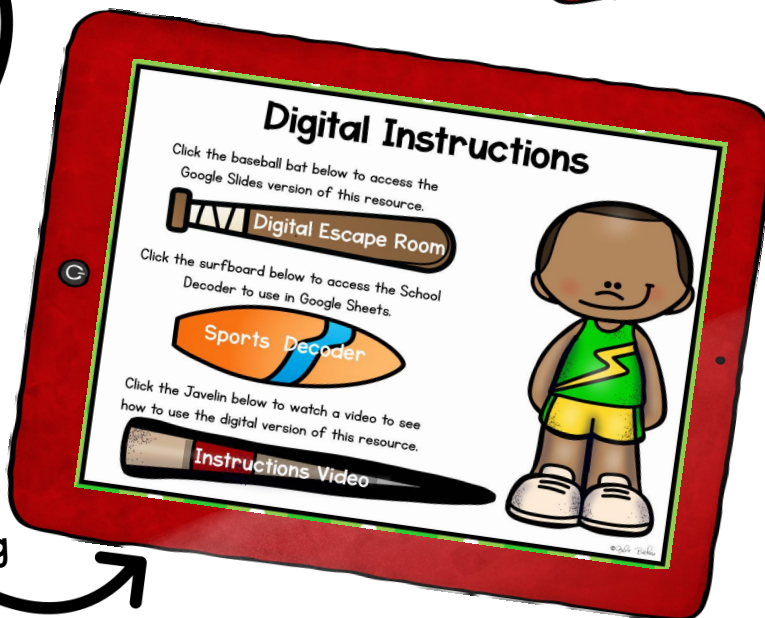


Print

- Low prep
- Student collaboration
- Can eliminate technology

Google Slides

- Decoder included for self correcting
- Videos



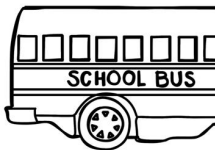
Webscape

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

Print Friendly Version

1. Measurement Tools & Units

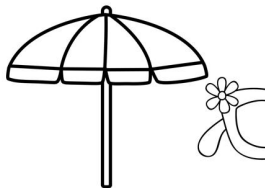
5. Which unit would you use to measure the length of the school bus?



- a. inches
- b. centimeters
- c. miles
- d. feet

2. Estimate Lengths

5. Which object in real life would be about 6 inches wide?

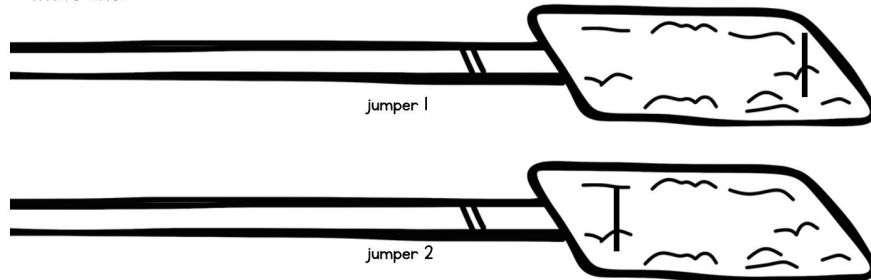


beach umbrella

- a. beach umbrella
- b. sunglasses
- c. beach ball
- d. shrimp

6. Compare Measurements

How much further did jumper 1 jump than jumper 2? Measure from white line to white line.



- a. 4 centimeters
- b. 5 centimeters
- c. 6 centimeters
- d. 7 centimeters

Show your Work

Interactive



Videos Tell the Story



Sports Measurement Skills and Challenges

Sports Escape Room

1. **Challenge #1:** Solve the measurement units and tools problems to win the skateboarding medal.
2. **Challenge #2:** Estimate lengths to win the swimming medal.
3. **Challenge #3:** Compare measurements to win the track medal.
4. **Challenge #4:** Solve the length word problems to win the basketball medal.



Challenges Assess Various Skills

1

Length Word Problem

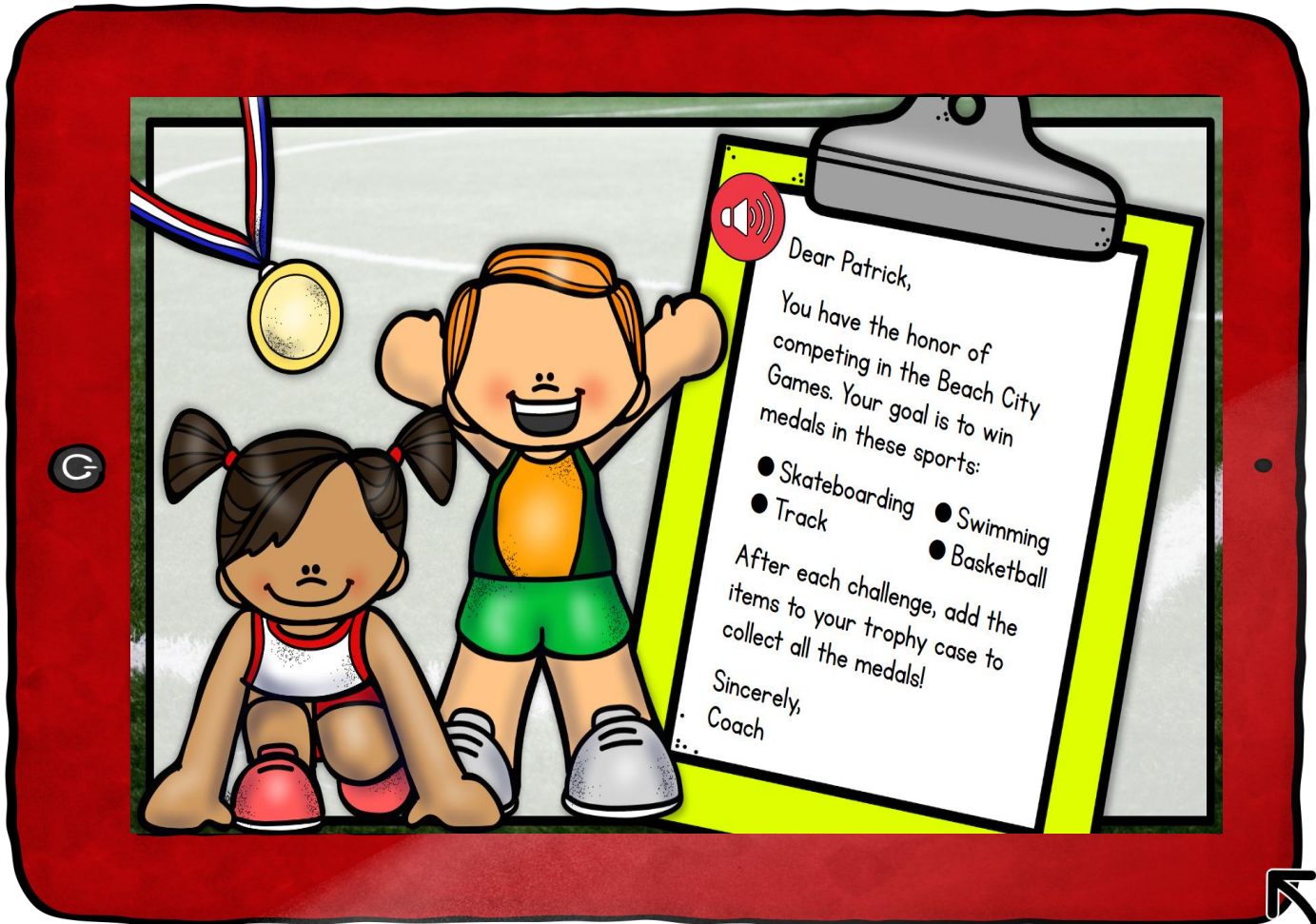
You are working on your balance beam routine. The beam is 90 inches long. If you travel 43 inches when you do a cartwheel, how much space would you have left on the balance beam to keep going with another trick?

Show your Work

- a. 43 inches
- b. 47 inches
- c. 57 inches
- d. 53 inches

- Circle the #s.
- Underline the question.
- Box the words that are important.
- Eliminate info you do not need.
- Solve by showing your work.

Webscape™



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

Webscape™

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



How did you win the skateboarding medal?

I wore

safety

gear

and



Question 5



Question 6

©John Bishop

Includes option for audio on directions and questions.

Webscape™

OH NO!

Something is wrong.

Double check your
answers!

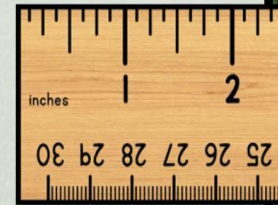
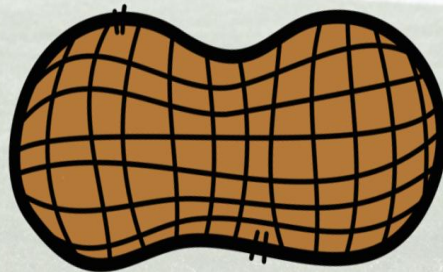


Self-correcting but maintains rigor by ensuring
students are not guessing.

Webscape™



Drag the ruler to measure the length of the peanut.



4 inches

4 centimeters

12 centimeters

12 inches

©Gale Bachse

Questions review key 2nd grade
math skills.

Printable Version Includes "Ooops!" Challenges

Ooops!

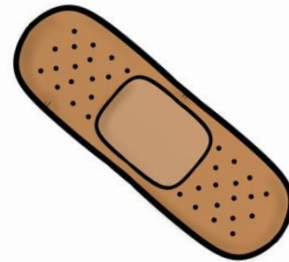
You lost your goggles. Your teammates must blindfold you for 5 minutes.



NO USING YOUR EYES FOR 5
MINUTES!

Ooops!

You scraped your knee and need a band aid.



NO HELPING YOUR TEAM FOR 3
MINUTES!

Printable Version

Includes Recording

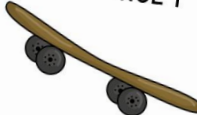
Brochure & Decoder

Sports Decoder

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

	question 1	question 2	question 3	question 4	question 5	question 6
<i>Challenge 1</i>	a = I b = Wearing c = By d = I wore	a = wore b = safety c = going d = knee	a = gear b = goggles c = fast d = pads	a = and went b = to c = and d = when I	a = high on b = protect c = jumping d = practiced	a = my jumps b = my eyes c = high d = a lot.
<i>Challenge 2</i>	a = I wore b = I used c = I kicked d = I went	a = a cap b = my legs c = off the d = to the	a = and b = and c = wall d = bottom	a = goggles b = paddled c = and tried d = of the	a = to keep the b = my arms c = to swim d = pool and	a = water out. b = to float. c = fast. d = hold my breath.
<i>Challenge 3</i>	a = I pulled b = I looked c = I tripped d = I held	a = my friends b = behind c = over my d = out	a = shoulder b = me c = shoelaces d = my arm	a = to push b = to c = and didn't d = to quickly	a = myself b = see how c = grab d = pass	a = forward. b = fast I was. c = very fast. d = the bottom.
<i>Challenge 4</i>	a = I b = I passed c = I dribbled d = I tried	a = dribbled b = to my c = the ball d = to go	a = and b = friend c = and then d = around	a = ran with b = who shot c = went d = an opponent	a = the ball b = it in the c = to the d = to make	a = without passing. b = hoop. c = wrong side. d = a basket.

CHALLENGE 1




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

How did you win the skateboarding medal?


CHALLENGE 2

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

How did you win the swimming medal?



CHALLENGE 3



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

How did you win the track medal?

Google Slides Prompt Students to use Decoder

Collect the Basketball Medal!

Enter your answers in the Sports Decoder to see if
you won the basketball medal.



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

Decoder in Digital Version is Self-Checking

The screenshot shows a Google Sheets spreadsheet with the following content:

Question #	1	2	3	4
Your Answers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
How did you win the medal?	<input type="text"/>			

Below the table, a yellow box contains the text: **KEEP LOOKING! DO NOT MOVE ON TO SLIDE.**