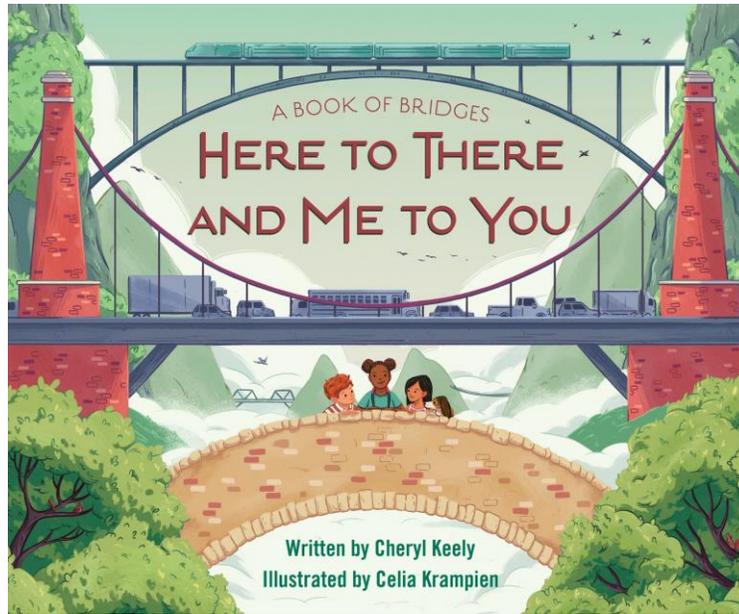


# Teacher's Guide



## **A Book of Bridges: Here to There and Me to You**

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Guide written by Jillian Smithkey

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# Here to There and Me and You

## Design a Neighborhood



Some bridges, like those in the book *Here to There and Me to You*, connect neighborhoods, which turn strangers into friends. Using the grid below, create a neighborhood map. Your neighborhood must include buildings, roads, bridges, and bodies of water.

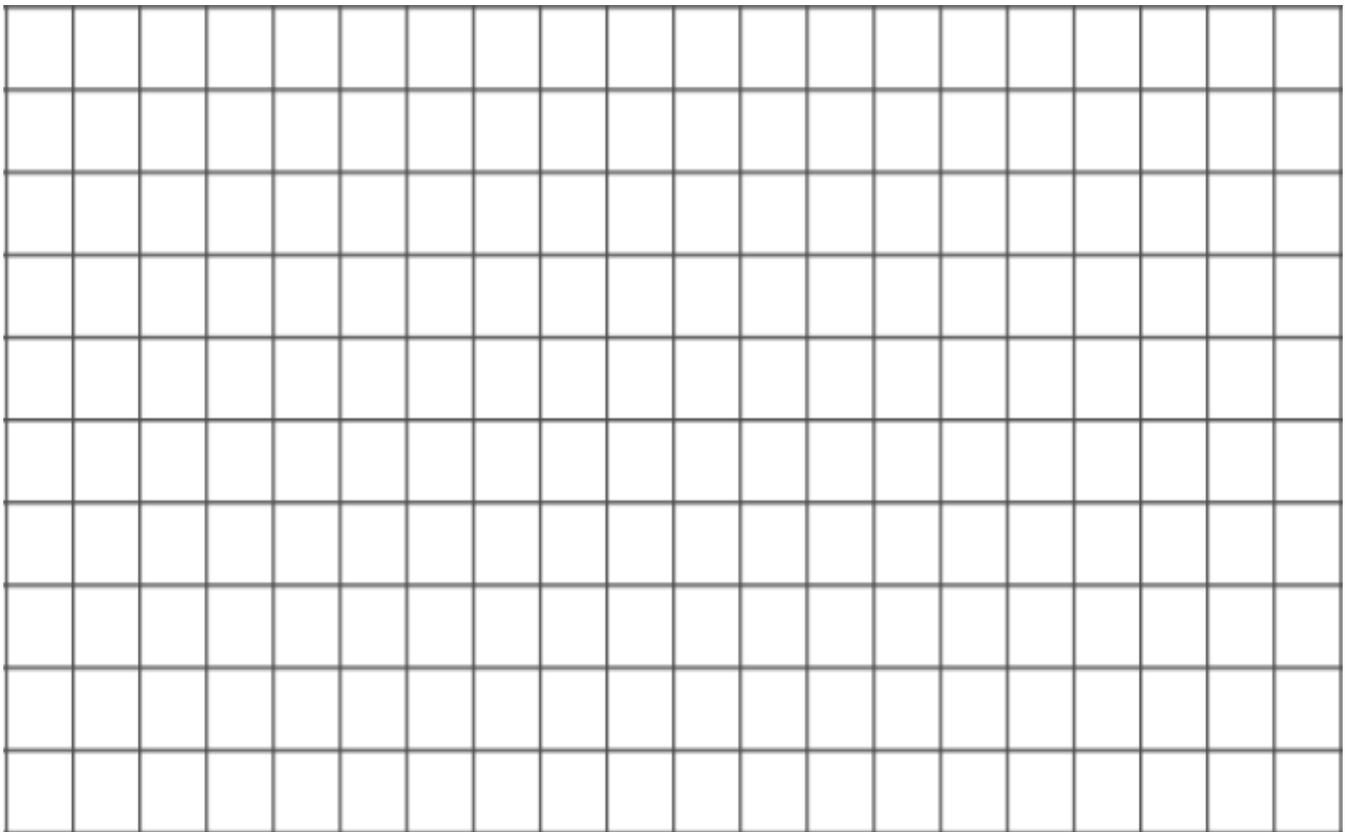
- |                          |          |                               |                         |
|--------------------------|----------|-------------------------------|-------------------------|
| <b><u>Buildings:</u></b> | 3 Houses | Each house must be 4 squares  | Color the houses yellow |
|                          | School   | The school must be 10 squares | Color the school red    |
|                          | Store    | The store must be 6 squares   | Color the store orange  |
|                          | Library  | The library must be 6 squares | Color the library green |

### **Roads and Bridges:**

Your neighborhood must have at least 4 roads and 2 bridges. Create a name for each road and bridge; be sure to label it on your drawing.

### **Bodies of Water:**

Include at least one river and one pond in your neighborhood. Color them blue.



## *Here to There and Me and You*

### Using Informational Text



After reading *Here to There and Me to You*, use the information from the book to answer the questions below. If you finish early, write a few questions of your own on the back of the page.

- 1.) The author is the person that wrote the words in the book. Who is the author of *Here to There and Me to You*?
- 2.) The illustrator is the person that drew the pictures in the book. Who is the illustrator of *Here to There and Me to You*?
- 3.) What kind of bridge is the Hartland Bridge in Canada?
- 4.) What color is the Golden Gate Bridge?
- 5.) What river runs underneath the London Bridge?
- 6.) What passes under a drawbridge when it opens up?
- 7.) Where is the Puente de Piedra, known as the Bridge of Eggs?
- 8.) Banff National Park, in Canada, has the most types of what bridge in the world?
- 9.) What Three Countries Bridge only connects France to Germany, but what other country is nearby?
- 10.) P.T. Barnum led 21 animals across the Brooklyn Bridge to prove that it was safe. What animal did he take across the bridge?



*Here to There and Me and You*

## Build a Bridge



The book *Here to There and Me and You* shows many types of bridges from around the world. Bridges are made out of different material depending on what they will be used for. Your goal is to create a bridge that is at least 12 inches long that will hold 3 bananas.

### Materials

#### **-Tape**

#### **-Glue**

#### **-Paper Clips**

**- Anything made of paper or cardboard such as:**

toilet paper tubes

paper towel tubes

tissue boxes

cereal boxes

construction paper

shoe boxes

sticky notes

When you have finished building your bridge, draw a sketch below and list some facts about your bridge. Some facts may include how long it is, how wide it is, how much weight it can hold, who helped build it, and any other facts you can think of.

Facts about my Bridge:

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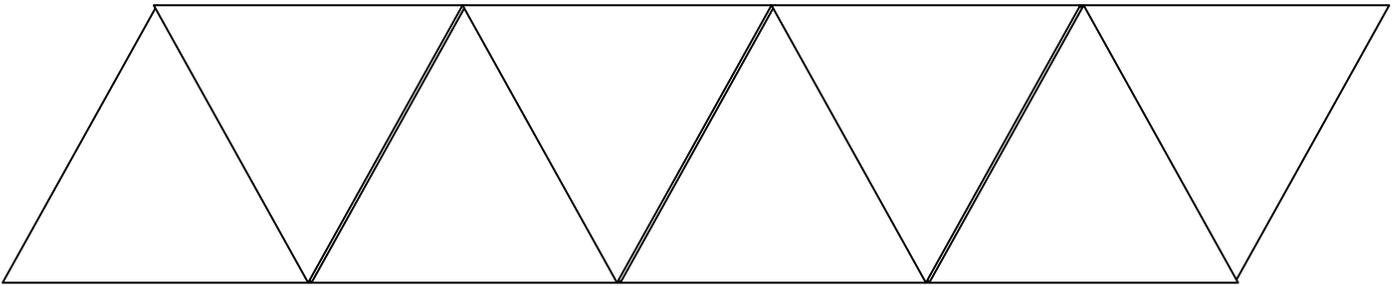


*Here to There and Me and You*  
Create a Pattern on a Truss Bridge

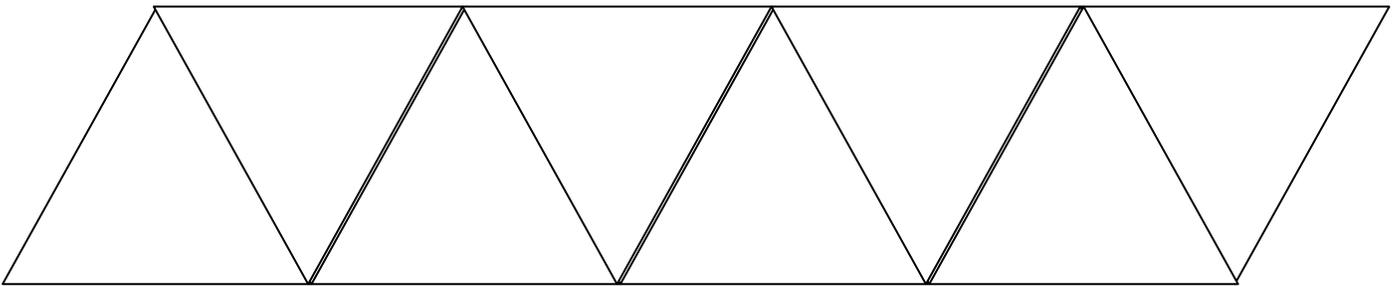


Truss Bridges are ones of the oldest types of modern bridges, and are often built with a series of triangular shapes. Use crayons or markers to create a pattern on each of the truss bridges below.

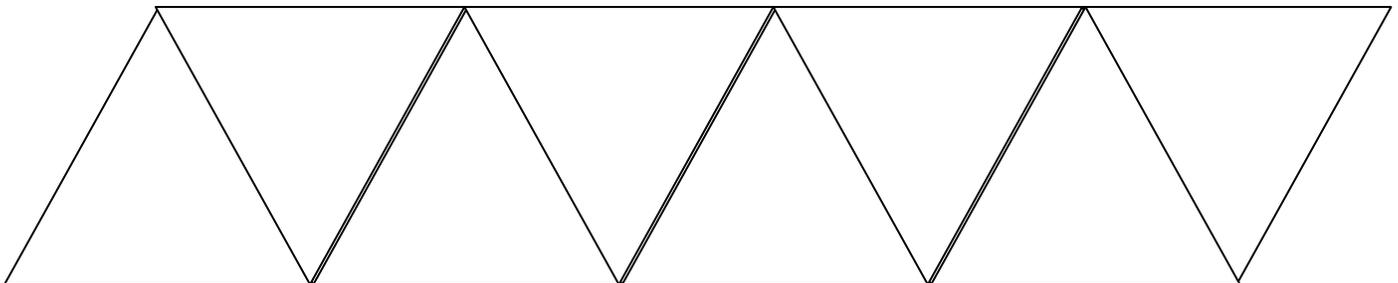
Create a pattern using 2 colors.



Create a pattern using 3 colors.



Create a pattern using 4 colors.





### Bridge Research

After reading *Here to There and Me to You*, use the internet to research three different types of bridges. Record what you find below and draw a picture of the bridge in the box.

#### **New River Gorge Bridge**

Type of Bridge: \_\_\_\_\_

Location: \_\_\_\_\_

Year Opened: \_\_\_\_\_

Length: \_\_\_\_\_

#### **Taylor-Southgate Bridge**

Type of Bridge: \_\_\_\_\_

Location: \_\_\_\_\_

Year Opened: \_\_\_\_\_

Length: \_\_\_\_\_

#### **Mackinac Bridge**

Type of Bridge: \_\_\_\_\_

Location: \_\_\_\_\_

Year Opened: \_\_\_\_\_

Length: \_\_\_\_\_



*Here to There and Me and You*



Wildlife Data

In the book *Here to There and Me and You*, there is a picture of a wildlife bridge. Wildlife bridges, like those in Banff National Park in Canada, allow animals to cross roads safely. Below is a list of animals that you might see if you drive through Banff. Use the tally chart to help you create a bar graph.

Wildlife Tally Chart

Squirrels	
Deer	
Moose	
Bear	

Wildlife Bar Graph



Number of Animals	10				
	9				
	8				
	7				
	6				
	5				
	4				
	3				
	2				
	1				
		Squirrels	Deer	Moose	Bear
		Type of Animal			





Measurement

Some bridges are short and some bridges are long. Some bridges are measured in feet, and some bridges are measured in miles. It is very important that while designing and building bridges, every measurement is exact. Try this measurement challenge!

Before measuring the objects, put them in order from shortest to longest: 1 is the shortest and 3 is the longest. Then, measure each object in inches and record your answer.

Example

3	Fork	8 inches
2	Marker	5 inches
1	Scissors	5 inches

Challenge #1

	Cup	_____ inches
	Book	_____ inches
	Toothbrush	_____ inches

Challenge #2

	Plate	_____ inches
	Toy Car	_____ inches
	Tissue Box	_____ inches

Challenge #3

	Pencil	_____ inches
	Shoe	_____ inches
	Calculator	_____ inches

Challenge #4

	Your Hand	_____ inches
	Key	_____ inches
	Paper Clip	_____ inches

Challenge #5

	Notebook	_____ inches
	Desk	_____ inches
	Spoon	_____ inches

# *Here to There and Me and You*

## Answers Key

### Page 2 Informational Text

- |                              |                    |
|------------------------------|--------------------|
| 1) Cheryl Keely              | 2) Celia Krampien  |
| 3) Covered Bridge            | 4) Orange          |
| 5) River Thames              | 6) Boats and ships |
| 7) Lima, Peru, South America | 8) Wildlife Bridge |
| 9) Switzerland               | 10) Elephant       |

### Page 5 Bridge Research

#### **New River Gorge Bridge**

Type of Bridge: Arch  
Location: Crosses New River Gorge near Fayetteville, West Virginia  
Year Opened: 1977  
Length: 3,030 feet long (Arch of 1,700 feet)

#### **Taylor-Southgate Bridge**

Type of Bridge: Truss  
Location: Connects Newport, Kentucky to Cincinnati, Ohio  
Year Opened: 1995  
Length: 850 feet

#### **Mackinac Bridge**

Type of Bridge: Suspension  
Location: Connects the lower peninsula of Michigan to the upper peninsula  
Year Opened: 1957  
Length: 26,372 feet (5 miles)