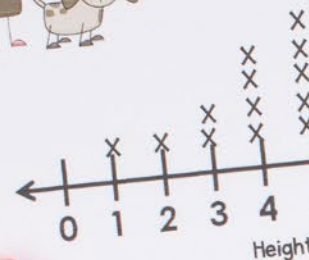


LINE PLOTS

Line Plot Quiz

Use the line plot to answer the questions below.

De Soto Family Heights (in feet)



1. What is this line plot about? _____

2. How many family members are included in the line plot? _____

3. How many family members are 3 feet tall? _____

4. How many family members are 5 feet tall? _____

The Smith Family Height Data

Measure the height of each member of the Smith family in centimeters. Fill in the tally chart based on their heights, then create a line plot of the data.


Height In Centimeters	Tally
3 cm	
4 cm	
5 cm	
6 cm	
7 cm	
8 cm	
9 cm	
10 cm	
11 cm	
12 cm	
13 cm	
14 cm	

1. How many family members are 8 cm or shorter? _____

Length of Pencils in Room 45 (centimeters)

Use the line plot to answer the questions below.

X = 1 pencil



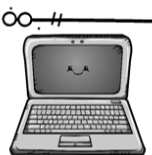
PRINTABLE • GOOGLE SLIDES

WHAT'S INSIDE?

Line Plots

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The Google Slides version of this resource requires that you make a copy of the resource to your own Google Drive.

[CLICK HERE](#) TO MAKE A COPY OF THIS RESOURCE TO YOUR GOOGLE DRIVE.

* You MUST have a Google account in order to access this resource. [Click HERE](#) if you need help setting up a Google account.

PRINTABLE PDFs and INTERACTIVE DIGITAL VERSIONS included

- Line Plots to organize & analyze measurement data
- Engaging center game, scaffolded activities, and cumulative assessment
- AND links to interactive digital versions

Printable & Digital Links Included



STANDARD ALIGNED ACTIVITIES

- Fun and aligned activities.
- Variety of worksheets and hands on engagement.
- Helps students advance their measurement skills and organize/interpret measurement data using line plots.

Plant Growth Data

Name: _____ Date: _____

Mrs. Marchan's class potted bean plants two weeks ago. Today, they measured their growth in centimeters and got the following data:
1 cm, 16 cm, 5 cm, 5 cm, 8 cm, 12 cm, 5 cm, 4 cm, 3 cm, 4 cm, 2 cm

Complete the line plot below to help you answer the questions:

1. How many students planted a bean plant in all? _____

2. How many plants grew 5 cm? _____

3. How many plants grew 4 cm? _____

4. How many plants grew 0 cm? _____

5. What is the difference between the number of plants that grew 4 cm and the number of plants that grew 1 cm? _____

6. How many more plants grew 5 cm than 4 cm? _____

7. How many more plants grew 5 cm than 1 cm? _____

Animal Length Data

Name: _____ Date: _____

Measure the length of each animal in inches. Fill in the tally chart based on their lengths, then create a line plot of the data.

Length In Inches	Tally Marks
1 cube	
2 cubes	
3 cubes	
4 cubes	
5 cubes	
6 cubes	
7 cubes	
8 cubes	

1. How many animals are 3 inches or shorter? _____

2. How many animals are 4 inches or taller? _____

3. How many more animals are 3 inches than 2 inches? _____

4. Write your own comparing question and answer:
Question: _____
Answer: _____

Length of Pencils in Room 45 (centimeters)

Name: _____ Date: _____

Use the line plot to answer the questions below.

X = 1 pencil

1. What is this line plot about? _____

2. How many pencils were measured in this line plot? _____

Hand Length Measurement Data

Name: _____ Date: _____

Use the tally chart based on how long each student's hand (from the bottom of palm to the tip of the middle finger) is in centimeters. Use the tally chart to create a line plot.

Hand Length In Centimeters	Tally Marks	Hand Length In Centimeters	Tally Marks
7 cm		13 cm	
8 cm		14 cm	
9 cm		15 cm	
10 cm		16 cm	
11 cm		17 cm	
12 cm		18 cm	

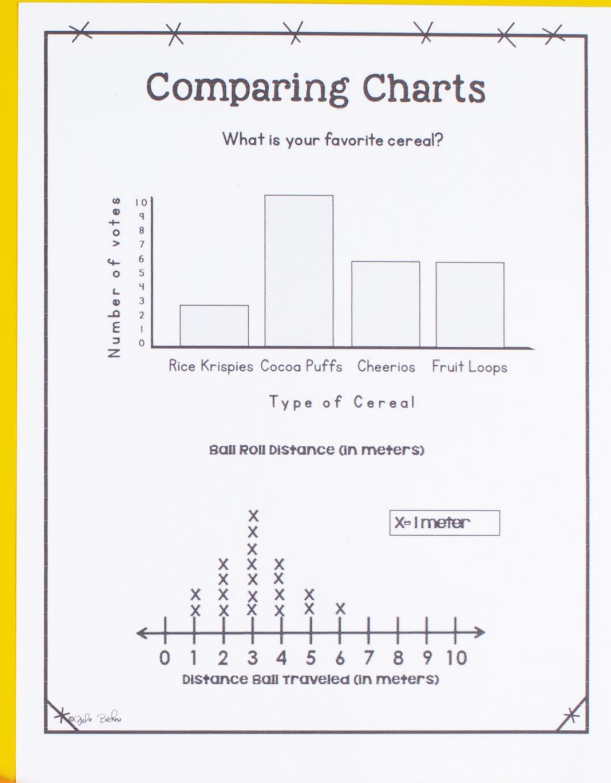
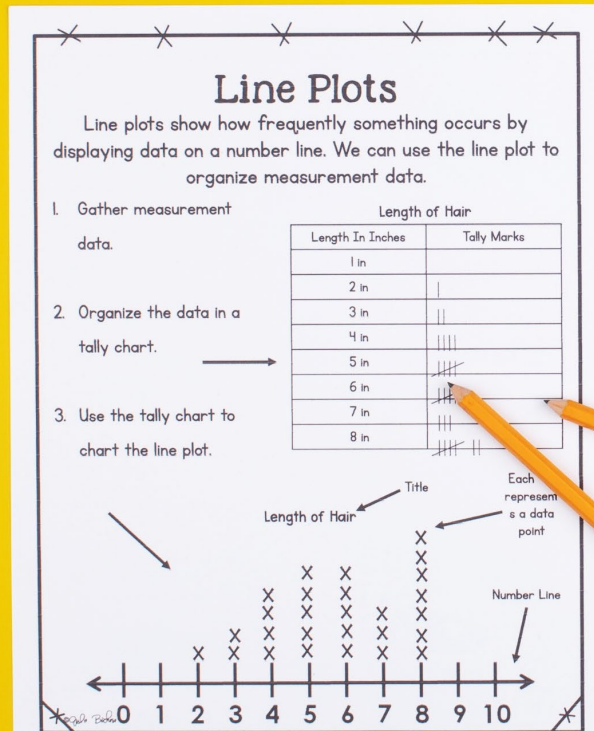
ENGAGING CENTER GAME

- Line Plot Center Game.
- Match the data set with the correct line plot.
- Game can be utilized and played throughout the year!
- Designed to be played individually, in pairs, or groups.

[illegible]

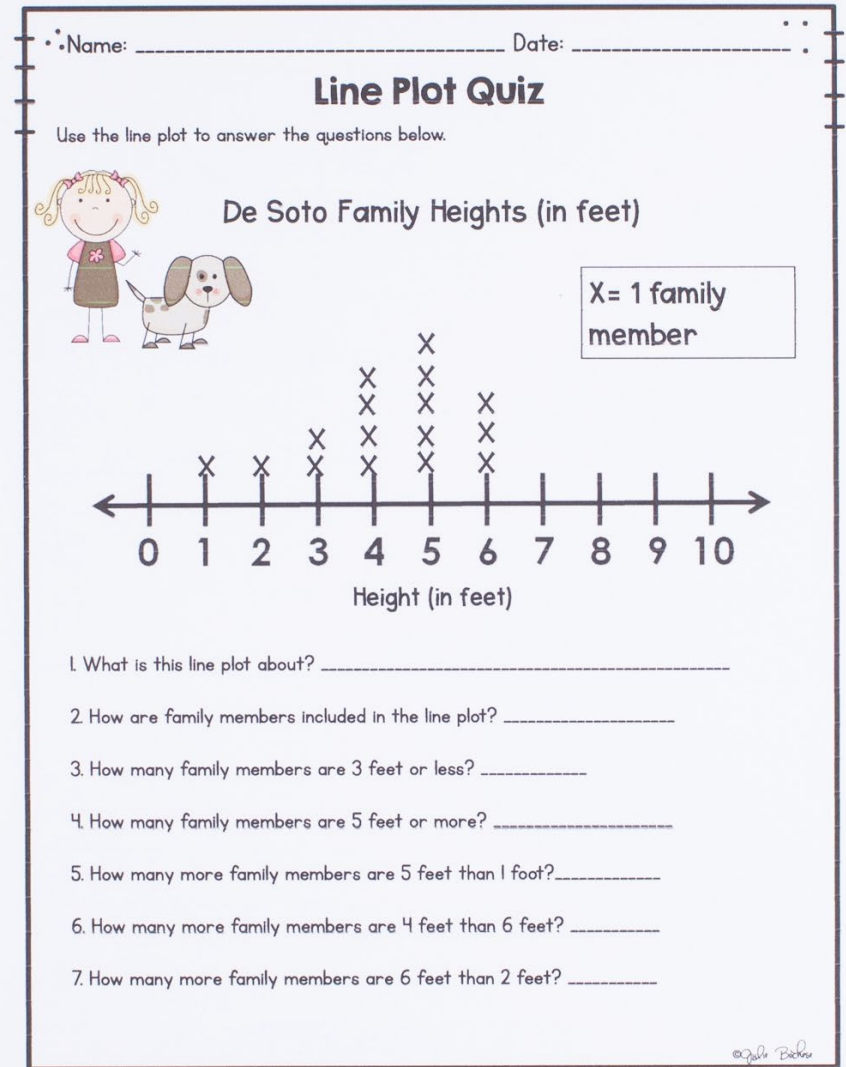
ANCHOR CHARTS

- Anchor Charts to teach and break down the skill.
- Perfect to add into student folders or journals.
- Provides visual guidance on how to create, use, and interpret line plots.
- Explanation and modeling.



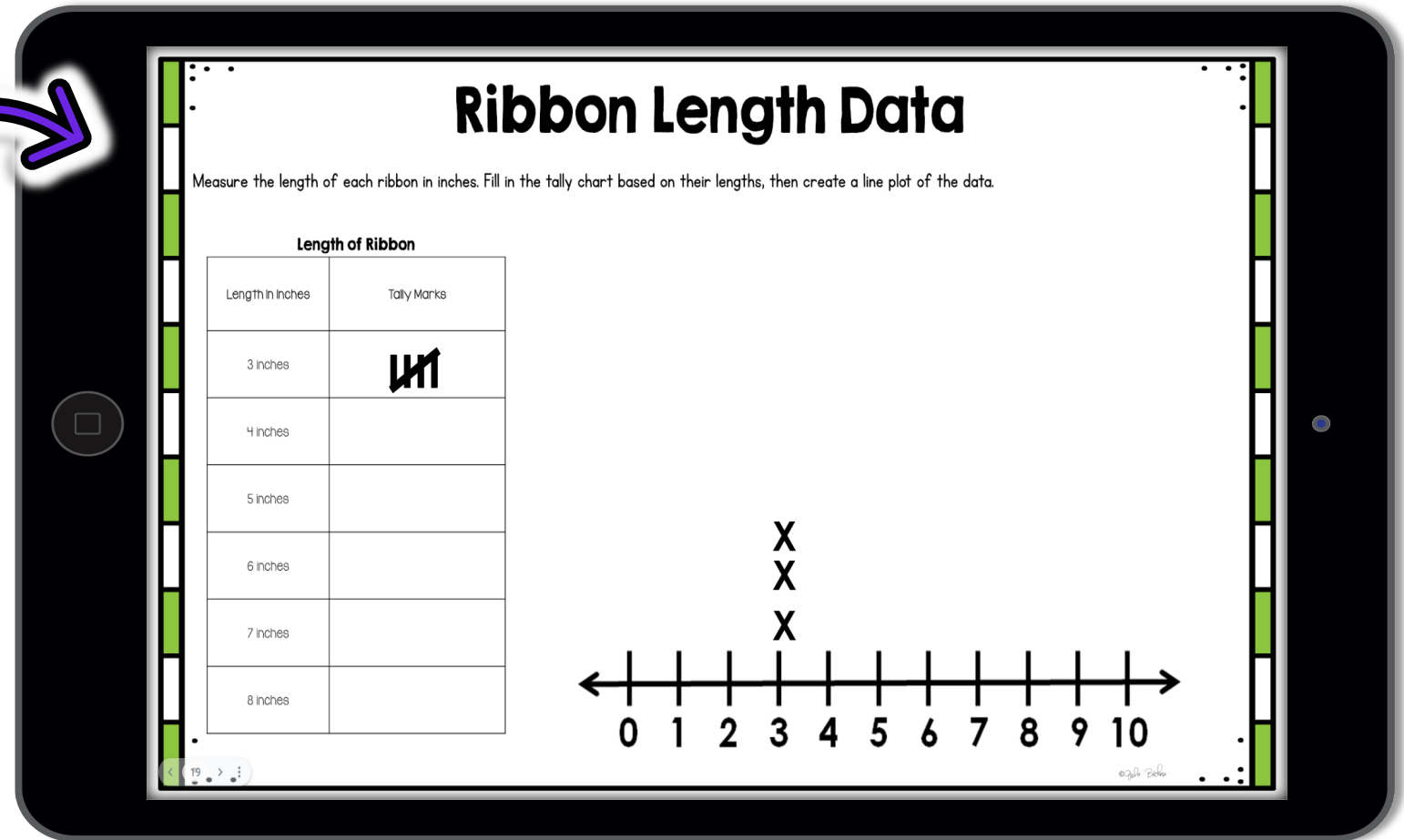
ASSESSMENT

- Cumulative Assessment.
- Provides comprehensive understanding of mastery and growth.
- Challenges students to show what they have learned.
- Assesses line plot and measurement mastery.



DIGITAL VERSION

- Google Classroom Friendly!
- Interactive Google Slides for practicing line plots and measurement.
- Students stay engaged while demonstrating mastery online.



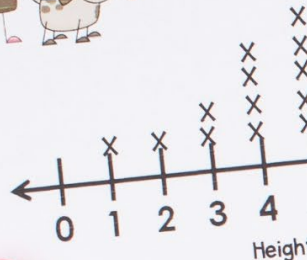

TAKE A PEEK

Name: _____ Date: _____

Line Plot Quiz

Use the line plot to answer the questions below.

De Soto Family Heights (in feet)



1. What is this line plot about? _____
2. How many family members are included in the data? _____
3. How many family members are 3 feet tall? _____
4. How many family members are 5 feet tall? _____
5. How many more family members are 4 feet tall than 3 feet tall? _____
6. How many more family members are 4 feet tall than 1 foot tall? _____
7. How many more family members are 4 feet tall than 2 feet tall? _____



Data Set

Data	Tally Marks
1 inch	
2 inches	
3 inches	
4 inches	
5 inches	

Line Plots

Line plots show how frequently something occurs by displaying data on a number line. We can use the line plot to organize measurement data.

1. Gather measurement data.

2. Organize the data in a line plot.

3. Draw the line plot.

4. Use the line plot to answer questions.

Length of Hair

Length In Inches	Tally Marks
1 in	
2 in	
3 in	
4 in	
5 in	

Name: _____ Date: _____

The Smith Family Height Data

Measure the height of each member of the Smith family in centimeters. Fill in the tally chart based on their heights, then create a line plot of the data.

Height of Smith Family

Height In Centimeters	Tally
3 cm	
4 cm	
5 cm	
6 cm	
7 cm	
8 cm	
9 cm	
10 cm	
11 cm	
12 cm	
13 cm	
14 cm	


1. How many family members are 8 cm or shorter? _____

Name: _____ Date: _____

Length of Pencils in Room 45 (centimeters)


Use the line plot to answer the questions below.

X = 1 pencil



Comparing Charts

What is your favorite cereal?



Type of Cereal	Number of votes
Rice Krispies	3
Cocoa Puffs	10
Cheerios	6
Fruit Loops	6



AND ANOTHER PEEK

Name: _____ Date: _____

Pencil Length Data

Measure the length of each pencil in centimeters. Fill in the tally chart based on their lengths, then create a line plot of the data.

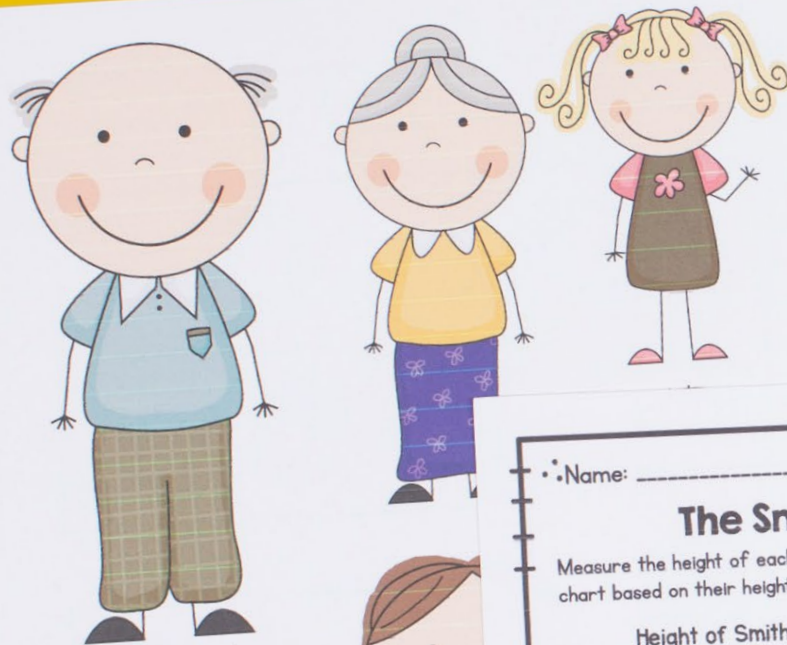
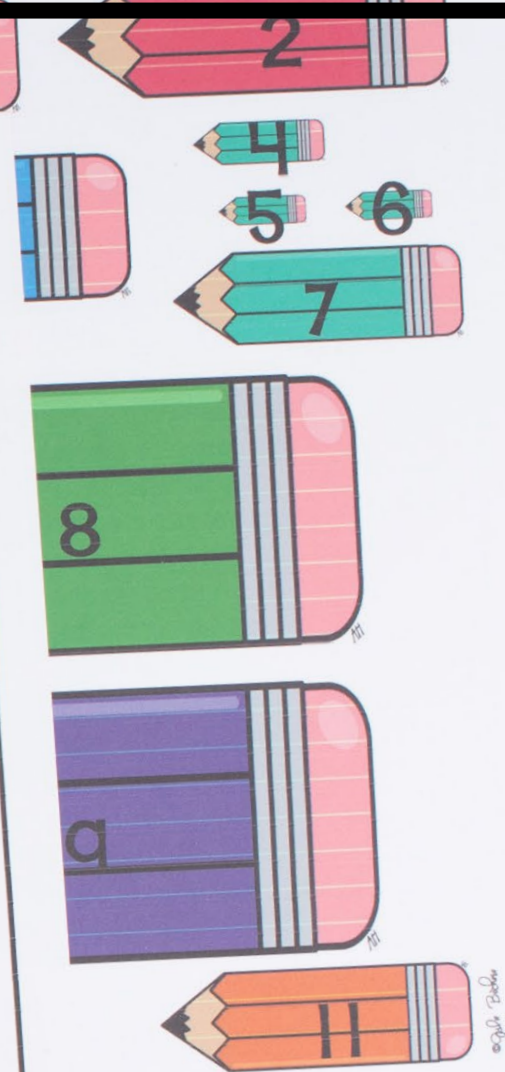
Pencil Length	
Length In Centimeters	Tally Marks
1 cm	
2 cm	
3 cm	
4 cm	
5 cm	
6 cm	
7 cm	
8 cm	
9 cm	
10 cm	
11 cm	
12 cm	
13 cm	
14 cm	

1. How many pencils are 5 cm or shorter?

2. How many pencils are 6 cm or longer?

3. How many more pencils are 2 cm than 11 cm?

4. Write your own comparing question and answer:
Question: _____
Answer: _____



Name: _____ Date: _____

The Smith Family Height Data

Measure the height of each member of the Smith family in centimeters. Fill in the tally chart based on their heights, then create a line plot of the data.

Height of Smith Family	
Height In Centimeters	Tally Marks
3 cm	
4 cm	
5 cm	
6 cm	

1. How many family members are 8 cm or shorter?

2. How many family members are 10 cm or taller?

3. How much taller is grandpa than grandma?

