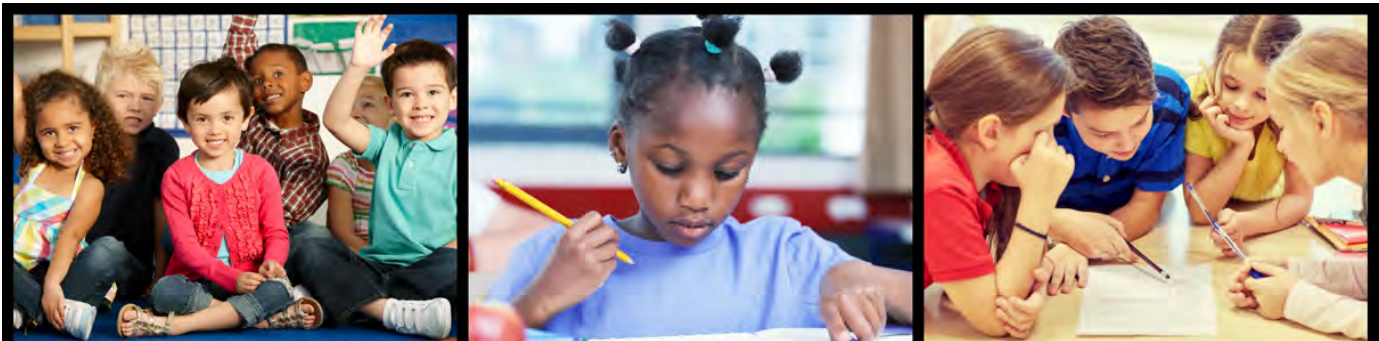




5th Grade

REPRESENTING DATA

Created By:
Misty Pohly



**Whole Class Lessons and Guided Math Groups
Active Engagement and Games
Intervention and Enrichment
EXIT Tickets**

©iPohly INC



I Plan ~ You Teach

Helping you live your life
AND

be the math teacher that gets results

Are you Ready For Help?

Click the links for Lesson Plans that align with TEXAS TEKS!



[2nd Grade Math Lesson Plans](#)

[3rd Grade Math Lesson Plans](#)

[4th Grade Math Lesson Plans](#)

[5th Grade Math Lesson Plans](#)

I SEE YOU~

- struggling each week to write lesson plans that meet the rigor of the TEKS.
- searching endlessly for resources that will help kids learn math while being challenged and engaged.
- staying late everyday after school working on plans and creating everything from scratch.

You are exhausted from working with students all day, and still have to prep, write and create.

I SEE YOU~

SACRIFICING your time with your family and friends

to ensure success for ALL of OUR Children.



Want to know when sales are happening? Click links to follow



Name _____

Representing Data

LT	Statement	1	2	3	4	Evidence
1	I can represent categorical data with bar graphs or frequency tables.					
2	I can represent numerical data, including data sets of measurements in fractions or decimals, with dot plots or stem-and-leaf plots.					
3	I can represent discrete paired data on a scatterplot.					
4	I can solve one- and two-step problems using data from a frequency table, dot plot, bar graph, stem-and-leaf plot, or scatterplot.					

1	2	3	4
I have no idea how to do this.	I can do this with some help.	I can do this by myself	I can teach someone to do this.

Learning Target	What do we want students to learn?	How will we know if they learned it?	What will we do if they don't?	What will we do if they already know it?
1 5.9A	Represent categorical data with bar graphs or frequency tables.	Limitations <input type="checkbox"/> Whole numbers <input type="checkbox"/> Fractions <input type="checkbox"/> Decimals Connection between graphs <input type="checkbox"/> Same data represented using a frequency table and bar graph	<input type="checkbox"/> Understand how to represent fractions or decimals on a number line <input type="checkbox"/> Understand that the number of dots above each category in a dot plot represents the value or frequency of the data for the category <input type="checkbox"/> Represent a set of numerical data using a dot plot	<input type="checkbox"/> Represent numeric data graphically, including dot plots, stem-and-leaf plots, histograms, and box plots.
2 5.9A	Represent numerical data, including data sets of measurements in fractions or decimals, with dot plots or stem-and-leaf plots.	Limitations <input type="checkbox"/> Whole numbers <input type="checkbox"/> Fractions <input type="checkbox"/> Decimals Dot plot <input type="checkbox"/> Characteristics of a dot plot Stem-and-leaf plot <input type="checkbox"/> Characteristics of a stem-and-leaf plot Connection between graphs <input type="checkbox"/> Same data represented using a dot plot and stem-and-leaf plot	<input type="checkbox"/> Represent a set of numerical data using a dot plot	

Learning Target	What do we want students to learn?	How will we know if they learned it?	What will we do if they don't?	What will we do if they already know it?
3 5.9B	Represent discrete paired data on a scatterplot.	Scatterplot Characteristics of a scatterplot <input type="checkbox"/> Titles and subtitles <input type="checkbox"/> First quadrant of coordinate plane <input type="checkbox"/> Ordered pairs Data pairs are analyzed to find possible relationships between the two sets of data. <input type="checkbox"/> Pairs of numbers collected to determine if a relationship exists between the two sets of data <input type="checkbox"/> Relationship between each data pair is discrete although the data itself could be either continuous or discrete in nature	<input type="checkbox"/> Understand how to represent paired data from a table as ordered pairs <input type="checkbox"/> Understand that a scatterplot displays the relationship between discrete data pairs in Quadrant I of a coordinate grid <input type="checkbox"/> Understand the increments on a scatterplot <input type="checkbox"/> Understand how to represent data points that fall between marked increments on a scatterplot <input type="checkbox"/> Represent discrete paired data on a scatterplot	

Learning Target	What do we want students to learn?	How will we know if they learned it?	What will we do if they don't?	What will we do if they already know it?
4 5.9C	Solve one- and two-step problems using data from a frequency table, dot plot, bar graph, stem-and-leaf plot, or scatterplot.	<p>Data representations</p> <ul style="list-style-type: none"> <input type="checkbox"/> Frequency table <input type="checkbox"/> Bar graph <input type="checkbox"/> Double bar graph <input type="checkbox"/> Dot plot <input type="checkbox"/> Stem-and-leaf plot <input type="checkbox"/> Scatterplot <p>Solve problems using data represented in frequency tables, dot plots, bar graphs, stem-and-leaf plots, or scatterplots</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Understand that the number of dots above each category in a dot plot represents the value or frequency of the data for the category <input type="checkbox"/> Understand how to determine a fractional amount of a set <input type="checkbox"/> Understand how to determine equivalent fractions <input type="checkbox"/> Solve a problem using data from a dot plot 	<ul style="list-style-type: none"> <input type="checkbox"/> Use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution.

Day 1 5.9A	Day 2 5.9C	Day 3 5.9A	Day 4 5.9C	Day 5 5.9B
Huddle LT 1 Frequency Table Bar graph	Mini Lesson LT 4 Problem Solving Frequency Table Bar graph	Huddle LT 2 Dot Plot Stem and Leaf	Mini Lesson LT 4 Problem Solving Dot Plot Stem and Leaf	Mini Lesson LT 3 Scatter Plot
Guided Math	Guided Math	Guided Math	Guided Math	Guided Math
Reteach Unit 9	LT 1	LT 4	LT 2	LT 4
Day 6 5.9C	Day 7 5.9C	Day 8 5.9ABC	Day 9 5.9ABC	Day 10 5.9ABC
Game LT 4 Problem Solving Scatter Plot	Independent Practice LT 4 Problem Solving All	Data Analysis Project LT 1-4	Data Analysis Project LT 1-4	Data Analysis Project LT 1-4
Guided Math	Guided Math	Guided Math	Guided Math	Guided Math
LT 3	LT 3	LT 4	LT 1-4	LT 1-4

REPRESENTING DATA



Thank you for your
download!

I hope this helps your
students!



A portion of the materials contained in this publication were created with the use of 1,2,3 Math
Fonts. And Math Clipart

Graphics by



Copyright © iPohly INC. All rights reserved by author. This product is to be used by the original downloader only. Copying for more than one teacher, classroom, department, school, or school system is prohibited. This product may not be distributed or displayed digitally for public view. Failure to comply is a copyright infringement and a violation of the Digital Millennium Copyright Act (DMCA). Clipart and elements found in this PDF are copyrighted and cannot be extracted and used outside of this file without permission or license. Intended for classroom and personal use ONLY.



Whole Class Lessons and Guided Math Groups
Active Engagement and Games
Intervention and Enrichment
Exit Tickets