

# Digital Math Activities for GRAPHS & DATA

POWER POINT, SEESAW,™ & GOOGLE SLIDES™

MADE BY: AMY LEMONS

**ANALYZE THE DATA!**

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

**EXAMPLE**

**FAVORITE ANIMAL**

Animal	Number of Votes
DOG	8
CAT	4
HORSE	5
GIRAFFE	7
TIGER	4
BEAR	2

**COLOR CODE:**

GREATEST	LEAST
DOG	BEAR

**QUESTIONS:**

How many children liked horses and tigers?	$5 + 4 =$ 9
How many more children liked giraffes than cats?	$7 - 4 =$ 3
How many more children liked dogs than bears?	$8 - 2 =$ 6

4 digital activities for graphs and data:

- Analyze the Data • True or False?
- Make a Bar Graph • Let's Graph!

# Digital Math Activities for GRAPHS & DATA

POWER POINT, SEESAW,™ & GOOGLE SLIDES™

MADE BY: AMY LEMONS

**ANALYZE THE DATA**

of the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

**FAVORITE ANIMAL**



**COLOR CREATIVITY**

**QUESTION**

How many children read books and toys?  
How many more children read books than toys?

Analyze the Data

**LET'S GRAPH**

Move the stars into the correct section of the graph. Create 2 statements about the data.

BLUE	★★★★★
PINK	★★★★★
YELLOW	★★★★★
GREEN	★★★★★

**STATEMENT 1:** There are 2 more blue.  
**STATEMENT 2:** There are 8 walls.

Let's Graph Stars

**MAKE A BAR GRAPH**

of the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.

**EXAMPLE**


**FAVORITE**

CAKE	★★★★
APPLE	★★★★
ORANGE	★★★★
PEACH	★★★★

How many children like oranges and apples?  
Which juice do the greatest number of children like?

Make a Bar Graph

**TRUE OR FALSE**

of the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**READ BY CLASS**


The class read 4 more books in March than in January.

**EXAMPLE**

**TRUE** FALSE

**MY STATEMENT:**  
The students read the least number of books in January.

True or False

uploaded for use in:

• **GOOGLE™**

# Digital Math Activities for **GRAPHS & DATA**

POWER POINT, SEESAW,™ & GOOGLE SLIDES™

MADE BY: AMY LEMONS

**TRUE OR FALSE**  
Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**BOOKS READ BY CLASS**

Month	Books Read
Jan	10
Feb	12
Mar	15
Apr	18

Read the statement: The class read more books in March than in February.

TRUE FALSE

Write your statement in the box below.

Students will edit this template

1 / 13

**True or False? Graphing Edition**

**Student Instructions**

1. Look at the graph.
2. Read the statement in the yellow box.
3. Decide if the statement is true or false.
4. Drag the BOOM sign on top of TRUE or FALSE.
5. Now, write what you can learn from looking at the graph.

\*The graphs repeat themselves on 2 or 3 slides, but you need new statements about your graph on each slide!

Graphing Tips: Discuss the difference between 2 categories, Combine categories, Discuss the trend in the graph, Discuss greater or less than

Watch the video for an example of how to complete this activity.

Compatible with: Chromebooks, computers, iPads, iPhones, Android tablets, Android phones, Kindle Fire

preloaded to use in:

• **SEESAW™**

# Digital Math Activities for GRAPHS & DATA

POWER POINT, SEESAW, <sup>TM</sup> & GOOGLE SLIDES <sup>TM</sup>

MADE BY: AMY LEMONS

## MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.

7	EXAMPLE			
6				
5				
4				
3				
2				
1				
	GRAPE	APPLE	ORANGE	MANGO

**FAVORITE JUICE**

GRAPE	
APPLE	
ORANGE	
MANGO	

How many children like orange and grape juice together?	$4 + 6 = 10$
Which juice did the greatest number of children like?	orange
How many children are represented in this graph?	$4+5+6+2=17$

## LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

BLUE	★★★★★★★★	EXAMPLE
PINK	★★★★	
YELLOW	★★★★★	
GREEN	★★★	

STATEMENT 1: There are 2 more blue stars than pink.	STATEMENT 2: There are 8 yellow and green stars together.
--	--

students respond with

- MOVABLE PARTS AND/OR TEXT BOXES

# Digital Math Activities for GRAPHS & DATA

POWER POINT, SEESAW, <sup>TM</sup> & GOOGLE SLIDES <sup>TM</sup>

MADE BY: AMY LEMONS



1. Seesaw Digital Activities for Data.pdf



2. Google Digital Activities for Data.pdf



3. Power Point.pdf



Analyze the Data.pptx



*also...*

- EASY TO FOLLOW VIDEOS FOR UPLOADING ACTIVITIES TO GOOGLE AND SEESAW
- POWERPOINT FILES FOR EACH ACTIVITY

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

FAVORITE ANIMAL

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

COLOR CODE: GREATEST LEAST

FAVORITE FRUIT

COLOR CODE: GREATEST LEAST

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

COLOR CODE: GREATEST LEAST

ICE CREAM FLAVOR?

CHOCOLATE	9
VANILLA	4
STRAWBERRY	6

QUESTIONS:

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

FAVORITE SCHOOL SUBJECT

COLOR CODE: GREATEST LEAST

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

COLOR CODE: GREATEST LEAST

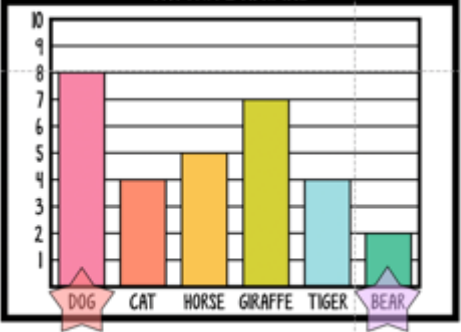
QUESTIONS:

# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

EXAMPLE

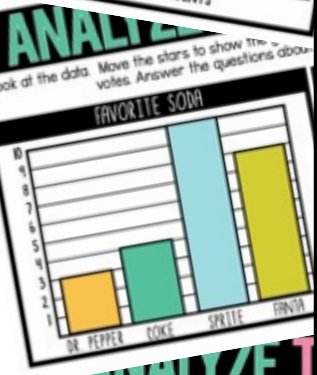
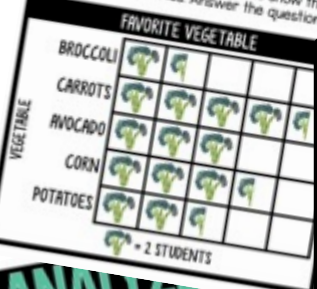
FAVORITE ANIMAL



COLOR CODE: GREATEST LEAST

QUESTIONS:

- How many children liked horses and tigers?  $5 + 4 = 9$
- How many more children liked giraffes than cats?  $7 - 4 = 3$
- How many more children liked dogs than bears?  $8 - 2 = 6$



COLOR CODE: GREATEST LEAST

QUESTIONS:

- How many more students liked cupcakes than pretzels?
- How many students liked brownies, pies, and cupcakes?
- Fewer students liked cookies than cupcakes. TRUE OR FALSE?

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

FAVORITE CHAPTER BOOK

CHARLOTTE'S WEB	##
HARRY POTTER	### ###
THE BFG	##
MATILDA	
PETER PAN	

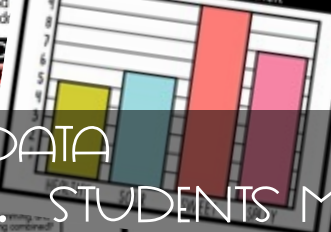
# ANALYZE THE DATA!

Look at the data. Move the stars to show the greatest and least number of votes. Answer the questions about the data.

FAVORITE ACTIVITY



FAVORITE TYPE OF SNACK



COLOR CODE: GREATEST LEAST

QUESTIONS:

- How many children like apples and grapes?
- More children like peanut butter and jelly than fruit and healthy snacks. TRUE OR FALSE?
- How many more children like cookies than fruit?

STUDENTS LOOK AT THE GRAPH. STUDENTS MOVE THE STARS TO THE GREATEST AND LEAST VOTES. STUDENTS TYPE IN TEXT BOXES TO ANSWER QUESTIONS.



# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**BOOKS READ BY CLASS**

The class read 4 more books in March than in January.

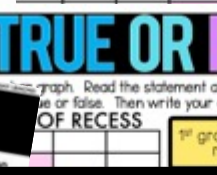


# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**BOOKS READ BY CLASS**

The class read less books in April than in January and February combined.



# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**BOOKS READ BY CLASS**

If the trend continues, the class will read 9 books in May.



# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**MINUTES OF RECESS**

1<sup>st</sup> grade has 4 more minutes of recess than 3<sup>rd</sup> grade.



# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**MINUTES OF RECESS**

1<sup>st</sup> grade has 4 more minutes of recess than 3<sup>rd</sup> grade.



# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

The student read more on Tuesday than he did on Thursday.

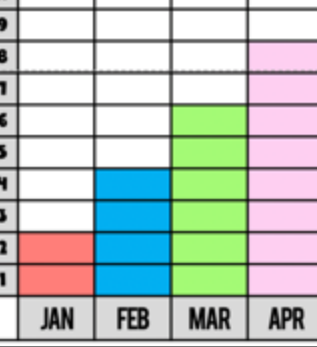


# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**BOOKS READ BY CLASS**

The class read 4 more books in March than in January.



EXAMPLE

TRUE

FALSE

MY STATEMENT:

The students read the least number of books in January.

# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**MINUTES OF READING**

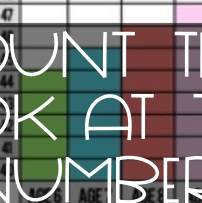


# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**SAMUEL'S HEIGHT**

If Samuel continues the same trend, he will be 49 inches tall in 5 weeks.

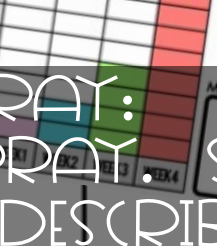


# TRUE OR FALSE

Look at the bar graph. Read the statement about the graph. Decide if the statement is true or false. Then write your own statement about the graph.

**HEIGHT OF PLANT IN INCHES**

The plant doubled in size every week.



TRUE

MY STATEMENT:

TRUE

FALSE

MY STATEMENT:

COUNT THE ARRAY: STUDENTS LOOK AT THE ARRAY. MOVE THE NUMBERS TO DESCRIBE AND CREATE A REPEATED ADDITION EQUATION.

# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.

7	EXAMPLE			
6				
5				
4				
3				
2				
1				
	GRAPE	APPLE	ORANGE	MANGO

### FAVORITE JUICE

GRAPE: 4 bars

APPLE: 5 bars

ORANGE: 6 bars

MANGO: 3 bars

How many children like orange and grape juice together?  $4 + 6 = 10$

Which juice did the greatest number of children like? orange

How many children are represented in this graph?  $4 + 5 + 6 + 3 = 17$

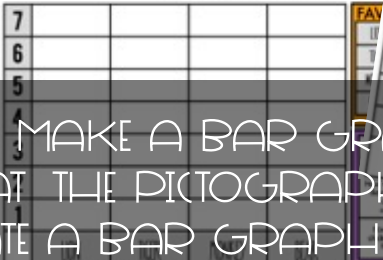
# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



# MAKE A BAR GRAPH

Look at the data that was collected. Create a bar graph that matches the data. Answer questions about the graph.



MAKE A BAR GRAPH:  
STUDENTS LOOK AT THE PICTOGRAPH. STUDENTS MOVE THE RECTANGLES TO CREATE A BAR GRAPH THAT MATCHES THE DATA. STUDENTS TYPE IN THE TEXT BOXES TO ANSWER THE QUESTIONS.



# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

BLUE	

# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

ORANGE	

# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.


# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

YELLOW	
BLUE	
ORANGE	

# LET'S GRAPH!

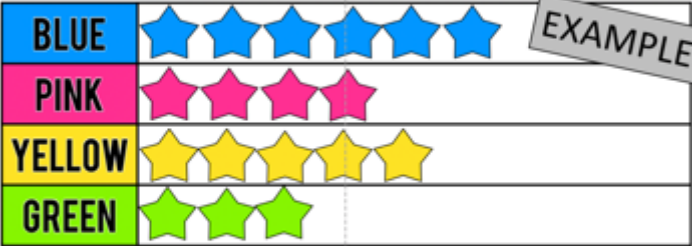
Move the stars into the correct section of the graph. Create 2 statements about your graph.


# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.


# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.



EXAMPLE

STATEMENT 1:  
There are 2 more blue stars than pink.

STATEMENT 2:  
There are 8 yellow and green stars together.

STATEMENT 2:

... statements about your graph.

STATEMENT 2:

Move the stars into the correct section of the graph. Create 2 statements about your graph.

YELLOW	
BLUE	
PURPLE	

# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

BLUE	
PINK	
PURPLE	
GREEN	

# LET'S GRAPH!

Move the stars into the correct section of the graph. Create 2 statements about your graph.

YELLOW	
BLUE	
PINK	
GREEN	

# LET'S GRAPH!

STUDENTS MOVE THE STARS TO CREATE A PICTOGRAPH. STUDENTS THEN USE THE TEXT BOXES TO CREATE TWO STATEMENTS ABOUT THEIR GRAPH.