

Appendix A

Assessment #1

Write the title to each graph:





Food	Votes
Pizza	
Burger	
Pasta	
Hot Dog	

Pictograph

Bar Graph




















Line Graph

Tally Graph

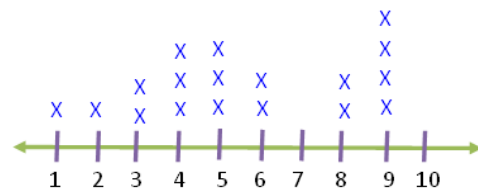
Pie Chart

Line Plot

Toys sold in a day

Motorbike	     
Dolls	    
Duck	   
Cars	   




















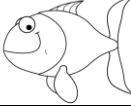
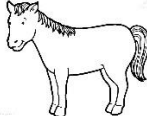
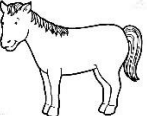
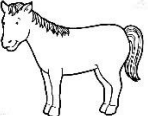
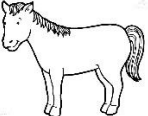
Appendix B

Assessment #2

Name _____

Picture Graphs

Answer the questions about the picture graph.

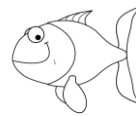
Students Favorite Animal	
Dog	      
Cat	    
Hamster	  
Fish	
Horse	   

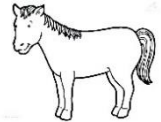
1. Write how many of each animal.











2. Which animal do the students like the most?

3. Which animal do the students like the least?

Appendix C

Assessment #3

Name _____

Build-A-Pictograph

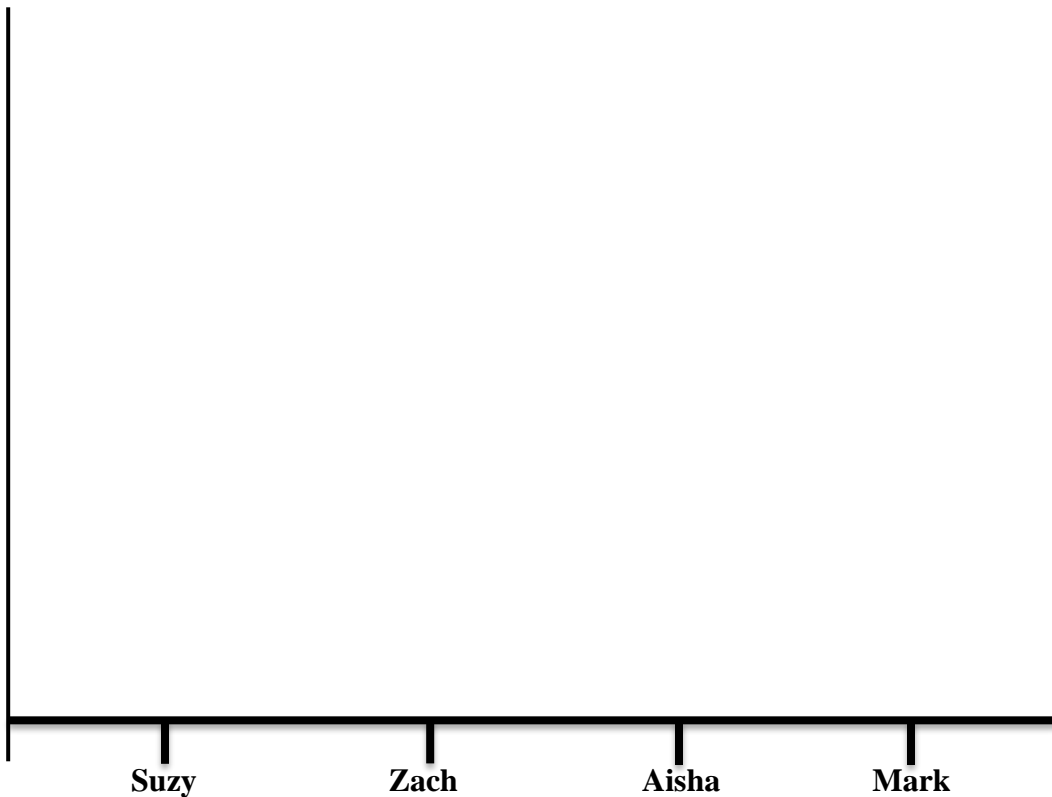
Create a picture graph with stickers to show how many bugs each student collected:

Student	Number of Bugs
Suzy	8
Zach	4
Aisha	5
Mark	3



= 1 bug

Number of Bugs



Students

Appendix D

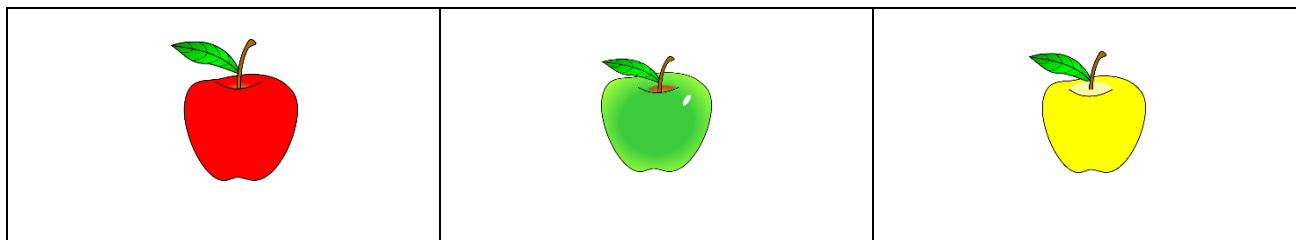
Assessment #4

Name _____

Our Favorite Apples

Use Red  Green  and Yellow  linking cubes to show the data of Our Favorite Apple class graph

[illegible]



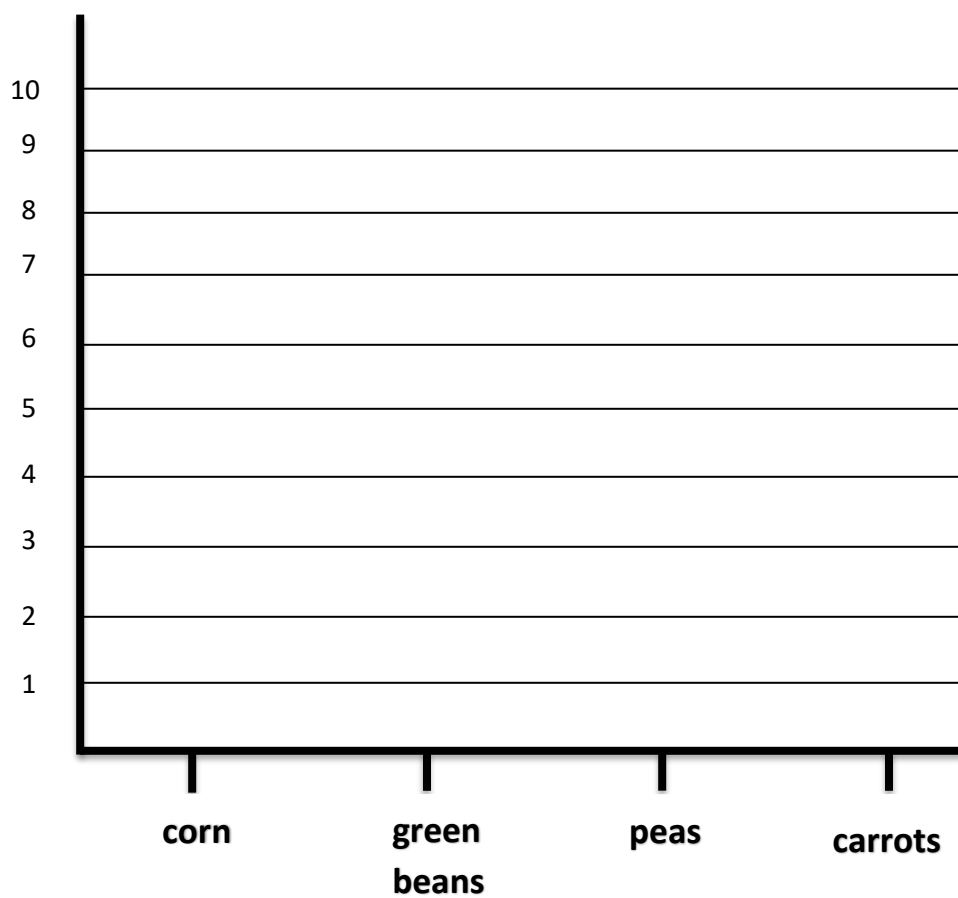
Appendix E

Assessment #5

Name _____

For the can food drive, the students collected 10 cans of corn, 5 cans of green beans, 3 cans of peas, and 7 cans of carrots.

Make a bar graph for this data.





Cans of food

Appendix F

Name _____

Which Do You Like Most?

10		
9		
8		
7		
6		
5		
4		
3		
2		
1		
	Cake 	Ice Cream 

1. Which type of food did people like the most?

2. Which food did students like the least?

3. How many more students
chose _____ than _____?

Answer _____

Appendix G

Padlet Survey Graph Project

Name _____

2.MD.D.10 Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

	4. Distinguished	3. Proficient	2. Apprentice	1. Novice
Design-Layout and Organization: Organized and easy to read	Content was well organized with title, labels, and data. Text and graphics were neatly organized and made the project easy to read.	Project was organized with headings and subheadings. Text and graphics were placed to make the project easy to read.	Most of the project was organized. The placement of text and graphics sometimes made the project hard to read.	Project was hard to read. There is no clear structure. Text and graphics were randomly placed.
Digital Portfolio-Reflection: Self-evaluation of sample work	All sample work includes text or audio reflections. Reflections include why the type of graph was chosen.	All sample work includes text or audio reflections. Some of the reflections tell which graph was chosen.	Most student work sample include reflections. Reflections do not always include information about the sample.	Only a work sample is posted with no reflections.
Graph Model Overview: Neat, creative, and has all required elements	Excellent quality. Key features were present and labeled correctly. Design helps explain content.	Key features were present and labeled correctly. Related to the topic.	One or two key features were missing. Some labeling was not correct.	Key features were missing or mislabeled. Did not relate to topic.
Research-Quantity: Number of sources	Had facts and information from 8 or more sources.	Had facts and information from at least 5 different sources.	Had facts and information from one source.	Did not have any facts.