



# Conversation Heart Data



Math is one of the easiest places to integrate some Valentine's Day cheer to your upper elementary or middle school classroom. For students in the upper grades, cutting hearts simply won't cut it! In addition to keeping students challenged, there is also state testing looming; this solution is one that helps students to practice their data and graph creating skills while having a little fun. By having students chart their own data and disaggregate it, they are thinking at higher levels and having to remember valuable vocabulary.

As a real-world teacher, I know all too well the scramble to find something for the upper grades to do on a holiday. Over the years I have found that this familiar activity can be kicked up a notch and will have students feeling nostalgic while practicing valuable skills. It is easy, required little to no prep on the teacher's end, and students love it. This activity is also super easy to differentiate and accommodate for any ability level.



# Conversation Heart Data



## Lesson Objective:

SWBAT disaggregate Conversation Heart data and record it accurately with 80% accuracy as displayed by their data sheets.

SWBAT create bar/line plot/circle graphs utilizing conversation heart data with 80% accuracy as displayed by their graphs.

## Possible Differentiation Options:

Provide students with specific data, have them work in pairs or allow use of calculator for percentages and circle graphs.



# Conversation Heart Data

Total # of Hearts: \_\_\_\_\_

Color	# of Hearts

Phrase	# of Hearts

Color	Mean
Color	Mode
Color	Range

Phrase	Mean
Phrase	Mode
Phrase	Range



# Conversation Heart Data

Total # of Hearts: \_\_\_\_\_

Color	Fraction

Phrase	Fraction

Color	Percent %

Phrase	Percent %

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_



# Conversation Heart Data



Line Plot

\_\_\_\_\_ Title

\_\_\_\_\_ Label

Line Plot

\_\_\_\_\_ Title

\_\_\_\_\_ Label



# Conversation Heart Data



\_\_\_\_\_ Title \_\_\_\_\_

Bar Graph

\_\_\_\_\_ Label \_\_\_\_\_

\_\_\_\_\_ Label \_\_\_\_\_

@teachingintherealworld.com

\_\_\_\_\_ Title \_\_\_\_\_

Bar Graph

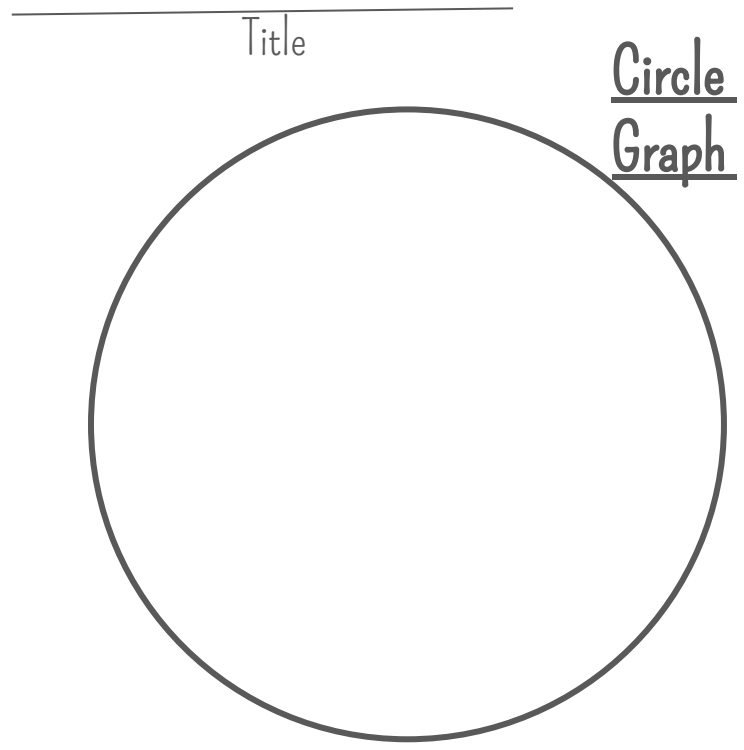
\_\_\_\_\_ Label \_\_\_\_\_

\_\_\_\_\_ Label \_\_\_\_\_



# Conversation Heart Data

Color	Fraction	Out of 360
		/360
		/360
		/360
		/360
		/360
		/360
		/360



Phrase	Fraction	Out of 360
		/360
		/360
		/360
		/360
		/360
		/360
		/360

