

# STUDENT REFLECTION

This will help you with in-depth understanding.

## 8.SP.A.1 Cholera Outbreak!

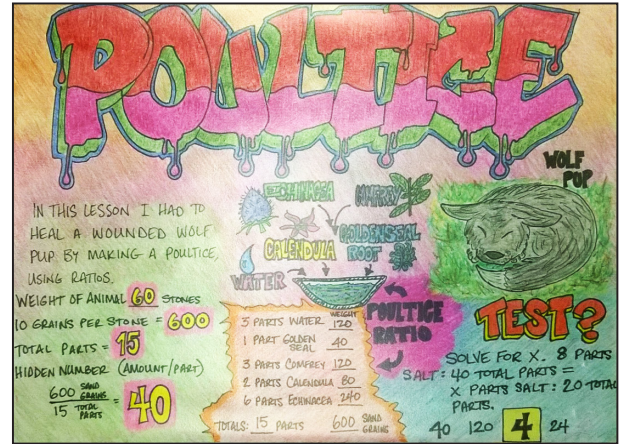
### Instructions:

1. Draw a visual representation of the story. Include a title.
2. Create a mathematical representation (tables, graphs, equations, figures, etc.) that shows the math used in the story.
3. Write a brief narrative that describes how the math was used in the story. Use the vocabulary word(s) from the lesson.
4. Using an example from your life, create a multiple choice question using the math concept. Circle the correct answer.
5. Use the rubric to grade yourself by circling how you did in each category. Turn this in with your *Student Reflection*.

### Vocabulary Word(s):

- Linear association       Positive association  
 Negative association       Scatter plot  
 Non-linear association        
 Outlier

### General Example:



### Rubric:

	<b>4</b> Exceeds Expectations	<b>3</b> Meets Expectations	<b>2</b> Nearing Expectations	<b>1</b> Does Not Meet Expectations	<b>0</b> Incomplete
Visual Representation	My title and drawing clearly represent the story. I put extra effort into my work.	My title and drawing mostly represent the story. I put good effort into my work.	My title and drawing vaguely represent the story. I only put a little bit of effort into my work.	My title and drawing don't represent the story. I put very minimal effort into my work.	I didn't include a visual representation or title.
Mathematical Representation	My mathematical representation shows complete understanding of the math concept.	My mathematical representation shows basic understanding of the math concept.	My mathematical representation shows limited understanding of the math concept.	My mathematical representation shows little to no understanding of the math concept.	I didn't include a mathematical representation.
Math-Story Narrative	I clearly described how the math is used in the story and used appropriate math vocabulary.	I described how the math is used in the story and used some math vocabulary.	I tried to describe how the math is used in the story and/or used limited math vocabulary.	I did not make it clear how the math is used in the story and/or didn't use math vocabulary.	I didn't explain how the math is used in the story.
Multiple Choice Question	My multiple choice question is original and directly relates to the math concept. I have the correct answer.	My multiple choice question directly relates to the math concept. I have the correct answer.	My multiple choice question directly relates to the math concept, but I have the incorrect answer.	My multiple choice question doesn't use the math concept.	I didn't include a multiple choice question.