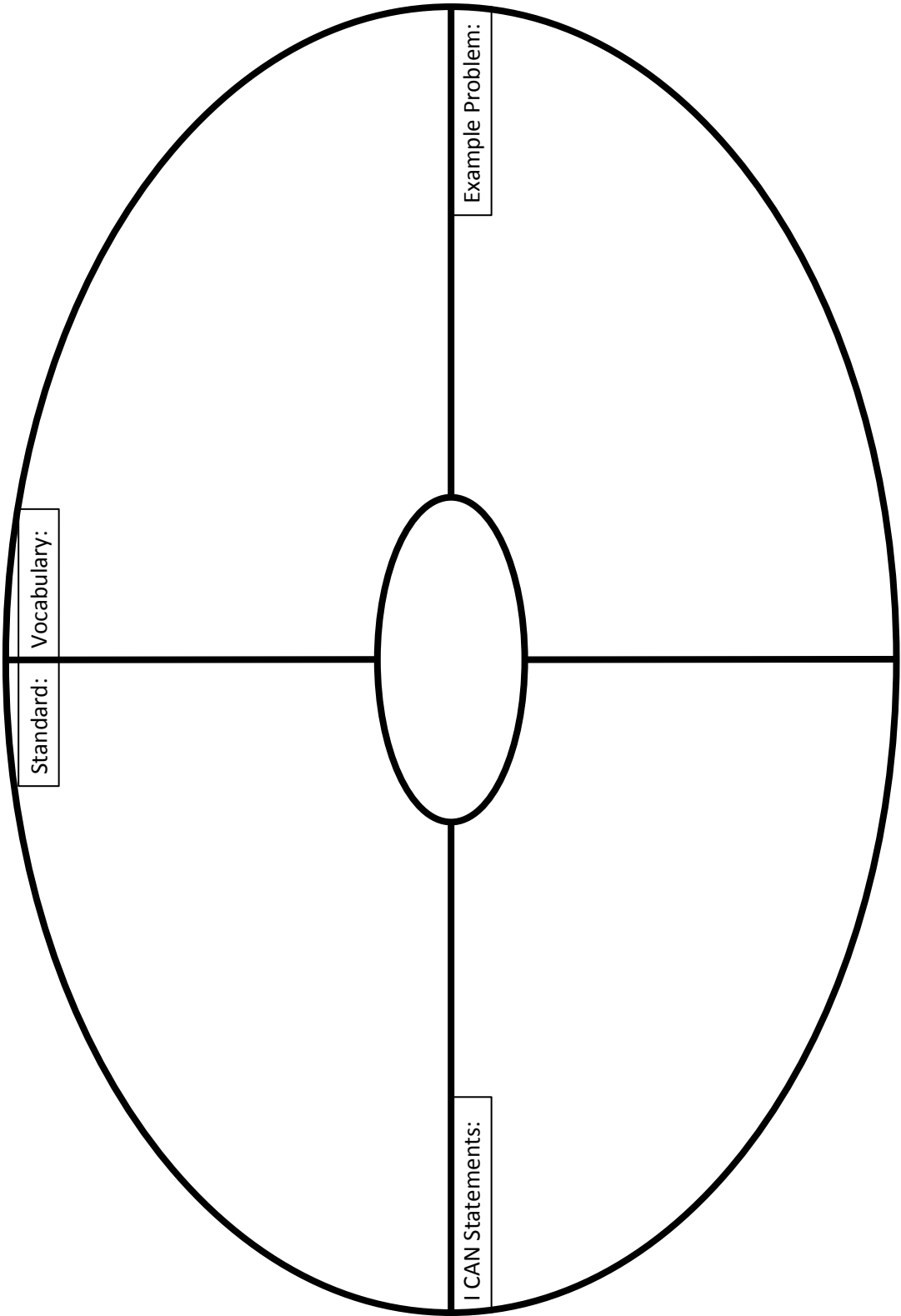


**Standards Summary:**  
Research your standard



Introduction: I am \_\_\_\_\_ (no last name) from \_\_\_\_\_ Schools.

Objective: In this \_\_\_\_\_ you will learn how to \_\_\_\_\_



**You will need to know a few academic vocabulary words to help you understand this standard. (describe using pictures when possible)**

\_\_\_\_\_ :

\_\_\_\_\_

\_\_\_\_\_ :

\_\_\_\_\_

\_\_\_\_\_ :

\_\_\_\_\_

\_\_\_\_\_ :

\_\_\_\_\_

\_\_\_\_\_



**Some common misunderstandings are... A common mistake is...**

Solve a simple example problem:

**Our first problem is... The first step to solve this problem is...**

Real-world example/word problem.

**Here's a real world problem for you... The first step to solve this problem is...**

Conclusion:

**And that is how... Now you will be able to... You have just completed...**

**You will use this standard in the real-world when...**

# Math POP Checklist

## ☐ Introduction

- ☐ Title Page
- ☐ Standards Description
- ☐ Why do we need to know this standard?

## ☐ Academic Vocabulary

- ☐ All relevant vocabulary from standard description
- ☐ Illustrations for each vocabulary word

## ☐ Real world problem

- ☐ Create an original problem
- ☐ Solve with BASE
- ☐ Use visual models in explanation

## ☐ Conclusion

- ☐ Restate why the standard is relevant to our lives
- ☐ Work cited

## Resources:

- [www.mathisfun.com](http://www.mathisfun.com)
- [www.virtualnerd.com](http://www.virtualnerd.com)
- [www.learnzillion.com](http://www.learnzillion.com)
- [www.khanacademy.com](http://www.khanacademy.com)
- Go Math Workbook

A

B

C

D

## POPS GRADING RUBRIC

1

2

3

### Introduction

Presentation does not have:

- Title Page
- Standard description
- Why do we need to learn this standard?

Presentation has:

- Title Page
- Standard description
- Answers this question incompletely: Why do we need to learn this standard?

Presentation has:

- Title Page
- Standard description
- Answers this question completely: Why do we need to learn this standard?

### Academic Vocabulary

Presentation has no academic vocabulary from standard description

Presentation has some academic vocabulary from standard description with no illustrations

Presentation has all academic vocabulary from standard description with illustrations

### Real World Problem

a. Create

b. Solve

c. Explain

Presentation does not use BASE and the problem is not original

Presentation uses BASE with visual models but is not an original question

Presentation uses an original problem and BASE with visual models to explain to the audience

### Conclusion

There is no conclusion or work cited

There is no conclusion but work is cited

There is a conclusion that brings relevance to the standard and why it is important

Work is cited