1. Copy this Outline to your Google Drive

2. Share your Outline with Deb at drowejarrett@gmail.com

3. Delete these highlighted instructions

**Math Topic: [Your Math Project Topic]**

**Presented by: [FirstName LastName]**

**Introduction/Description/Real-World Connection: Asking Questions~ I will be asking my audience if they know what sales tax is; where we use sales tax; and, do they know how to calculate sales tax. My real-world connection is that I use sales tax everyday and don't even realize it. For example, when I go to the mall to buy clothes, I don't pay just the price on the tag because I have to add the sales tax first.**

**Origin of Topic/Historical Background: Asking Questions~ I will discuss the origin of the use of sales tax and the concept behind the math involved.**

**Objective: My audience will learn how to change a percent into a decimal and calculate the sales tax of an item to get its total. People shop everyday and don't even know how much sales tax they're paying and some don't even know what it is.**

**Materials: Calculators,** **if needed; Worksheet; PowerPoint**

**Key Vocabulary:**

**sales tax - (definition goes here)**

**discount - (definition goes here)**

**cost -(definition goes here)**

**customer - (definition goes here)**

**retail price -(definition goes here)**

**selling price - (definition goes here)**

**tax - (definition goes here)**

**Step By Step Procedure:**

**- First I am going introduce them to the math topic I chose for my demonstration.**

**- Then I am going to ask some questions to see if anyone knows anything about this math topic.**

**- I will answer questions and make a real-world connection on how we use this everyday and may not even realize it.**

**- I am going to give some key vocabulary words and definitions.**

**- Then I plan on giving the audience a worksheet to do with a follow-up activity using sales tax.**

**- I will go over some of the problems and discuss the solutions with the audience.**

**Misconceptions/Errors: I will discuss common mistakes and errors that people may encounter when calculating sales tax. I will demonstrate incorrect computations that can lead to misconceptions/misunderstandings regarding sales tax.**

**Q&A Assessment: Asking Questions~ I will be asking all the audience if they understand what sales tax is and if I was clear during my demonstration. I will call on audience members randomly to answer questions that will confirm their understanding.**

**Handout: I will hand out a worksheet for them to complete during my demonstration.**

**List of Sources:**

**-www.moneyconstructor.com**

**-tulyn.com/sales\_tax**

**-www.raymondgeddes.com/lesson-plans/math-vocabulary.html**

**-www.education.com/activity/article/tax\_savvy\_fifth/**