THE THREE LITTLE PIGS

music by **W.A. MOZART** adapted by **JOHN DAVIES**

MATH: "Repainting a House"

Students Will
- Use mathematical operation to solve real world situations.
- Utilize chart and analyze data to answer questions.

Copies for Each Student
- Activity Worksheet

For the Teacher
- "The Story of the Opera"
- Activity Worksheet
- Model Lesson Sheet

Getting Ready

Decide which section(s) of the lesson you wish your group to complete.
Gather materials:
- Map pencils
- Pencils
- Extra paper

Instructional Time
One 45-minute class period

Introduction

Read "The Story of the Opera" to your class. Tell students that Don Giovanni's and Cherubino's homes were blown away due to Wolfgang's "huffing and puffing", and while we don't have wolves that "huff and puff", many people in Texas and Oklahoma have recently experienced damage to their homes due strong winds from tornados. Many people have had to repair or rebuild their homes. Ask students tell you what kinds of materials are needed to build or repair houses and why those types of materials are used (i.e. Concrete is used as a foundation. Paint is used to "make it pretty" but also protects the walls and wood). Then, have students name the color they would chose to paint a house if they had to rebuild one after a storm. The three most popular colors will be used for the activity in this lesson.

Guided and Independent Practice

List the three most popular colors at the bottom of the chart shown in Part A of the Activity Worksheet. Then, have the students vote (by show of hands) on which of the three colors would be their personal choice to paint the house.

> **Kindergarten**
> Have students work together in groups to fill in the chart using a symbol or shape to represent each vote. Discuss the results with the class and work through the questions together.
> **1ˢᵗ Grade**
> Have the students work independently to fill in the chart and answer the questions that follow. Then have students reflect on the activity and list two skills that were used to complete the assignment.

If time allows

You may choose to have the students design their own charts to track votes rather than using the template in the Activity Worksheet.

Evaluation:

1. Did the class choose three colors?
2. Did the students complete the chart?
3. Were the students able to answer the questions using the information in the chart?

TEKS

Mathematics

Kindergarten
(1) Mathematical process standards. The student uses mathematical processes to acquire and demonstrate mathematical understanding. (A. C.)

(2) Number and operations. The student applies mathematical process standards to understand how to represent and compare whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system. (A. B. C. E. F. G. I.)

1st Grade
(1) Mathematical process standards. The student uses mathematical processes to acquire and demonstrate mathematical understanding. (A. B. C. E.)

(3) Number and operations. The student applies mathematical process standards to develop and use strategies for whole number addition and subtraction computations in order to solve problems. (A. B. D. E. F.)

Correlates: Language Arts

Gardner's Intelligences: Linguistic, Logical-Mathematical

Bloom's Taxonomy: Understand, Analyze, Evaluate
References:
http://operatales.com/three-little-pigs.shtml Accessed on 12/11/15

The Story of the Opera

The Three Little Pigs is a one-act opera adapted by John Davies from the traditional fairy tale featuring music by Wolfgang A. Mozart.

The story begins with three little pigs at their mother's house. Despina, a little girl pig who loves going to the library, is reading a book. Her brothers, Cherubino and Don Giovanni, have not yet learned how useful the library can be. But they are about to find out, for Wolfgang Bigbad, the Big Bad Wolf, is on his way. Despina explains that it is time for them to build their own house, and immediately her two brothers begin to argue about the choice of building materials. Cherubino claims that straw is the best; however, Don Giovanni is sure that sticks would be better. They turn to Despina to settle the argument and she tells them that she is going to the library to check out books that will teach her about building houses. The boys laugh as if it is the most ridiculous idea they have ever heard!

Despite Cherubino and Don Giovanni's doubts, they follow Despina as she makes her way through the woods to the library, where Wolfgang Bigbad himself is pacing back and forth in front of the building. He hasn't eaten all day and would love to get his paws on a small pig, or better yet, two or three! When he sees the three little pigs, he "hides" himself by pretending to be a statue in order to surprise them. Despina goes directly into the library while the boys play outside. Soon they realize that the "statue" is really Wolfgang Bigbad! Cherubino sees that Don Giovanni is terrified, and makes him approach the "statue" to invite him to dinner. The "statue" (Wolfgang) nods his head to accept the invitation.

Meanwhile, Despina has found all of the books she needs, and the three pigs prepare to build their houses. Don Giovanni has built his house of sticks, which Wolfgang blows down. Cherubino has gone ahead with his plans to build a straw house, but it proves to be even less "huff-proof, puff-proof" than his brother's because Wolfgang blows it down, too! Now that both of the boys' flimsy homes are gone, they run to the safety of Despina's house, which she has made of bricks. Wolfgang, now very, very hungry, cannot blow it down! He tries every trick he can think of to get into Despina's sturdy home, but it is no use!

In the end, after their scary, hair-raising encounter with Wolfgang, Cherubino and Don Giovanni both wholeheartedly agree that Despina's idea of going to the library and reading books is a pretty smart thing to do after all.

The Characters

Despina: (soprano or mezzo) A little girl pig who loves the library.

Cherubino: (mezzo or tenor) Despina's older brother.

Don Giovanni: (bass or baritone) Despina's younger brother.

Wolfgang Big Bad: (bass or baritone) The Big Bad Wolf, himself.

Name:_____Date:_____

The Three Little Pigs:
Activity Worksheet

A. As a class, everyone will vote for their favorite color from 3 the choices listed below. Fill in chart with the number of votes each color receives.

10			
9			
8			
7			
6			
5			
4			
3			
2			
1			
■	Color 1-	Color 2-	Color 3-

B. Now that the voting is complete, answer the questions below using the chart.

1. Which colors did your class choose?

   _____

2. Which color has the most votes? _____

3. Which color has the least amount votes? _____

4. Which color did you choose? _____

5. How many totals votes were there? _____

Bonus:

6. What is the difference in votes between color 1 and color 2? _____

7. What are the total votes for color 1 and color 3? _____

The Three Little Pigs
Activity Worksheet

A. As a class, everyone will vote for their favorite color from 3 the choices listed below. Fill in chart with the number of votes each color receives.

	Color 1- RED	Color 2- ORANGE	Color 3- PURPLE
10			★
9			★
8			★
7			★
6			★
5	♥		★
4	♥		★
3	♥		★
2	♥	⚡	★
1	♥	⚡	★

B. Now that the voting is complete, answer the questions below using the chart.

1. Which colors did your class choose? **Red, Orange and Purple**

2. Which color has the most votes? **Purple**

3. Which color has the least amount votes? **Orange**

4. Which color did you choose? **Red**

5. How many totals votes were there? **17**

Bonus:

6. What is the difference between color 1 and color 2?
   Red has 3 more than Orange.

7. What is the total of color 1 and color 3? **5 Red + 10 Purple = 15**