**STEM Reflection Worksheet**

DIRECTIONS: Go to our class website: [www.miltonscience.weebly.com](http://www.miltonscience.weebly.com) . Select *GTT Engineering* .

Scroll down to “Stem Reflection” in PURPLE. Use the links to fill out the STEM Reflection worksheet. Follow the directions in each section. Use your best engineer’s handwriting.

**Click on the blue link “STEM”**

**Read the information on the chalkboard that is written in red and white.**

1. In a three-sentence summary, write down what you think is the most important information you learned from the page.

 1.

 2.

 3.

**Go to the picture of the head on the right side above the red writing. Choose one of the faces. These are drawings of STEM careers. Choose one face and click it. Click on every number and explore the career.**

What career did you explore?

Write three things thought was interesting or surprising about the career.

1.

2.

3.

*If you need more structure, answer the following questions: 1. What was the best thing about the career? 2. How did the career use Science Technology Engineering or Math? 3. Explain why this career would or would not appeal to you.*

**Click on the blue link for “White House Science Fair”**

**Watch the video of President Obama and read the web page**

1. How does President Obama think America

2. Where does Obama say that America ranks in math and science as compared to other countries?

3. What is President Obama’s goal for the 21st century?

4. How does Obama say that we will meet this goal?

**Open the link for “Trends in International Math Scores”**

Name one country that performs better than the USA in 8th grade Math. 1.

Name one country that performs worse than the USA in 8th grade Math. 1.

**Open the link for “Trends in International Science Scores”**

Name one country that performs worse than the USA in 8th grade Science.

Name one country that performs better than the USA in 8th grade Science.

Why would there be such differences between countries?

**Answer the following questions using what you have read:**

What is STEM?

Why is STEM important? Use the statistics to support your opinion.

Why do you think the government gave money to our school so we can have a STEM lab?

How do you plan on taking full advantage of the lab?

**After completing the STEM Reflection:**

**Open Microsoft Word or Publisher. Use your text box skills to create a name plate for your work posted outside Lab 222. See the example on the board.**

**Insert WORD ART and make sure your name is LARGE and in COLOR**

**Include Clip Art of your favorite things and what STEM means to you.**

**Save on your flash drive. Copy and paste the file to our COMPLETED WORK FOLDER on the T-drive**

**Insert TEXT BOXES to answer the last 4 questions on this worksheet**

**I plan on taking advantage of the STEM lab by** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The government gave us money for STEM because** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STEM is** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STEM is** **important because** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_