

ALGEBRA I

Unit Two Project: "Using Math Every Day"

OBJECTIVES:

- ✓ Identify careers and daily tasks that use math.
- ✓ Determine what kinds of numbers and operations are used daily and in certain careers.
- ✓ Organize and use proper form of writing.

In this unit, you will be spending time working with numbers and various operations in between these numbers. All careers use math in some way making it necessary to learn how to complete basic numerical operations. Operations with numbers are also a part of everyday life. It is necessary to know the importance of being efficient and accurate with numbers.

*This project will allow you to find out who uses skills you will be exploring in this unit. Throughout the unit, you will experience everything you need to learn to complete this project. **This project is worth 50 points, will be scored using the rubric that follows, and is due the day before the unit one exam.***

You are to write a five-paragraph essay on the importance of learning how to compute mathematically with numbers in two careers of your choice and in everyday life.

DESCRIPTION

1. Decide on two careers that use math and its operations. Research the two careers. As you find information, make sure to RECORD YOUR SOURCES! You may also choose to interview somebody that you know.
2. Research or talk to adults about how math is used in daily living.
3. You will use the six traits of writing. These six traits include:
 - ✓ Ideas and Content
 - ✓ Organization
 - ✓ Voice
 - ✓ Word Choice
 - ✓ Sentence Fluency
 - ✓ ConventionsSee the rubric for specifics.
DO NOT PLAGIARIZE!!! Use quotation marks around anything that you use from another source.
4. Your essay will contain five paragraphs. Here are the details for each paragraph.
 - ❖ Paragraph #1: Introduction-catch the reader's interest, thesis statement of purpose.
 - ❖ Paragraph #2: Using Math in Careers-write about how math is used in the first career that you explored. Include details about how math is used, types of problems solved with math, math operations used, etc...
 - ❖ Paragraph #3: Using Math in Careers-write about how math is used in the second career that you explored.
 - ❖ Paragraph #4: Using Math in Daily Life-write about how math is used in daily life including the operations used.
 - ❖ Paragraph #5: Conclusion-summarize without providing new facts
5. At the end of your essay, cite your sources. Provide internet addresses or the names of people you interviewed.
6. Type your essay in a word processing document.
7. Go to the class blog site online. Log in to the site and click on the assignment tab. Find the assignment labeled "Unit Two Project-Using Math Every Day". Copy and paste your essay WITH SOURCES typed in the word processing document to the blog and submit it. If you have difficulty with the blog site, please let me know as soon as possible.

RUBRIC FOR SCORING THE PROJECT

	4	3	2	1	0
<u>Voice</u> (x 1)	Appropriate with the writer's presence felt.	Discussion of the topic present with feelings from the writer at times.	Topic discussed fully with little emotion.	Topic not appropriately managed with little voice of the writer.	Topic not covered well with no emotion.
<u>Organization</u> (x 2)	Introduction, body, and conclusion present with a sense of order to the writing.	Key elements present but ideas not as clearly tied together.	An attempt at the key elements made with little organization.	Missing elements and hard to follow the direction of everything.	Elements can not be identified with much confusion present in the writing.
<u>Ideas and Content</u> (x 5)	Discussion in detail of math used in two careers and in daily life.	Discussion of topic is appropriate but very general.	Purpose is vague due to a cluttering of details that do not fit.	Central idea discussed without details.	Central idea not discussed.
<u>Word Choice</u> (x 1)	Words show energy and add life to the writing.	Words are appropriate and a little engaging.	Word choice is bland but correct in usage.	Word choice is very repetitive and sometimes used incorrectly.	Words used are very limited with misuse.
<u>Sentence Fluency</u> (x 1)	Sentences flow easily from one to the next.	Most sentences have rhythm together.	Some awkward sentences with similar structure throughout.	The same structure throughout with run-ons.	Little structure with run-ons present.
<u>Conventions</u> (x 1)	Strong control of mechanics of writing.	Most mechanics are correct.	Some control of conventions but many errors.	Many errors making reading difficult.	Numerous errors making the text impossible to follow.
<u>Sources</u> (x 1)	All sources are listed.	-	Some sources listed or sources are not accurate.	-	No sources
<u>Submission</u> (x 1)	-	-	The project is submitted on time online.	-	The project is not submitted online.