MATH 9

LG 18 JOURNAL SHEET ~ "When am I ever going to use this in real life"

Name _____

Teacher _____

After each unit fill in the space below with a journal entry that explains how the concept is used in a real-life situation.

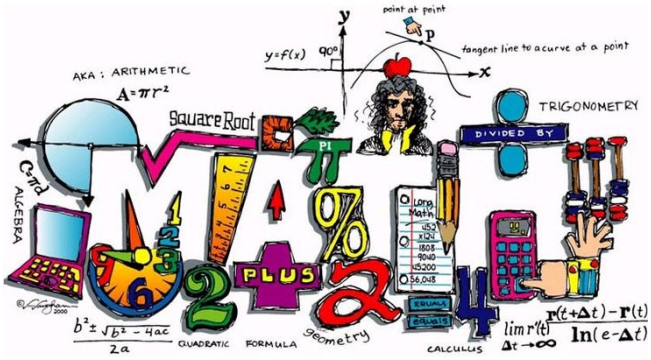
At some time before the end of the semester you will select one of the concepts listed below and research it fully on how it is used in a real-life situation. After the research process, you will display your findings in a presentation. SEE OUTLINE SHEET for more directions.

	DATE	**Journal entry:**
Powers & Exponents		
Rational Numbers		
Linear Relations		

Polynomials		
Linear Equations		
Similarity & Triangles		
Probability		

MATH 9…LG 18 ~ MATH IN THE REAL WORLD?

OUTLINE SHEET



Math in the Real World is where you choose a topic and then find a connection to the real world. Display your work by:

- Make a booklet or poster,
- Produce a video on IPad via I-Movie Trailer,
- Do an oral presentation, or by Morpho on IPad
- Prezi
- Power point Presentation

1. Pick a topic/job that interest you, then research the mathematical connections it has in a real-life scenario.
2. First paragraph is the introduction…why you choose your topic.
3. Second paragraph describes the math courses you have to take in high school that are necessary for your topic. [research specific college/universities]
4. Third paragraph describes what math courses you will have to take at college or universities
5. Last paragraph describes the job/career where this math would be used. Must show several math examples that would be used in this field.

↑ From above, pick a method to display your project.

Ψ Be sure to look at the marking checklist (next page) to cover as many of the criteria, as possible to maximize your mark!

Marking Criteria Checklist

Does the Project . . .?			?
FOCUS ON SIGNIFICANT CONTENT At its core, the project is focused on teaching students important knowledge and skills, derived from standards and key concepts at the heart of academic subjects.			
DEVELOP 21st CENTURY SKILLS Students build skills valuable for today's world, such as critical thinking/ problem solving, collaboration, and communication, which are taught and assessed.			
ENGAGE STUDENTS IN IN-DEPTH INQUIRY Students are engaged in a rigorous, extended process of asking questions, using resources, and developing answers.			
ORGANIZE TASKS AROUND A DRIVING QUESTION Project work is focused by an open-ended question that students explore or that captures the task they are completing.			
ESTABLISH A NEED TO KNOW Students see the need to gain knowledge, understand concepts, and apply skills in order to answer the Driving Question and create project products, beginning with an Entry Event that generates interest and curiosity.			
ENCOURAGE VOICE AND CHOICE Students are allowed to make some choices about the products to be created, how they work, and how they use their time, guided by the teacher and depending on age level and PBL experience.			
INCORPORATE REVISION AND REFLECTION The project includes processes for students to use feedback to consider additions and changes that lead to high-quality products, and think about what and how they are learning.			
INCLUDE A PUBLIC AUDIENCE Students present their work to other people, beyond their classmates and teacher.			