Lesson Plan, **6-9pm, Monday, 5 November, 12018 HE rm. 211**, SDCE, North City Campus Instructor; Ms. S. D. Jones

# In our *Learning Toolbox*:

San Diego Futures Foundation (SDFutures.org) for discounted laptops and PCs

#### Vocabulary:

Copy into your notes, and Mind Map each word:

Reading Comp. Vocab.	Grammar Vocabulary	Math Vocabulary	Test-taking Skills	
Writing your essay	Body paragraphs	Relationships between	Divide up a problem	
		Rectangles, Triangles, Circles, and Arcs via	into parallel parts	
		Constructions		
General outline	Pros	Quadrants, origin	Match outline to thesis	
Detailed outline	Supporting statements	Irregular	Fill in outline details	
1 <sup>st</sup> body paragraph	Evidence in favor	Regular	map outline:: paragraph	

6pm: Spend one minute contemplating your 500 word essay.

**Write** one or two sentences explaining why a detailed outline can help simplify writing your essay. (hint: number of words per sentence in detailed outline...)

6:02 Continue on work from your folder (on Reading/Literature/Science/Social Studies).

**7pm**: Stand up & Stretch, if you wish...

7:00 to 7:15 Work on your Introductory paragraph

7:15 to 7:25 Math lecture, also using this same passage.

<u>7:25-7:30</u> We will do the first question/problem from **the math** online worksheet together, then you finish the online activities from today's lecture individually on the classroom computers, on your laptop or, on your smart phone.

7pm: work on your 1<sup>st</sup> Body Paragraph (your Pros paragraph) for your essay, using your outline and Thesis sentence.

#### 7:15 *Mathematics*: Finding the area of composite shapes

What is one relationship between circles and equilateral triangles? Why?? Why are two rectangles always equivalent to one parallelogram?

How can we draw a rectangle using two triangles? A square is formed by two what kind of triangles?

How can we find the area of a shape that is composed of several different shapes? (Hint, we wrote the steps down last week...)

Now let's do the **whole** online math worksheet problem together: https://www.khanacademy.org/math/geometry/hs-geo-foundations/hs-geo-area/e/area-of-quadrila terals-and-polygons

## Mathematics work online and/or in books from 7:45 until 8:45.

## 8:40 Exit Questions: Monday, Day 36

- 1. Write one sentence explaining the difference between the first quadrant and the fourth quadrant of the (X,Y) coordinate plane.
  - 2. How many quarters are there in 2 dollars?
- 3. Write *one fifth* as a fraction, a decimal, a percent and in exponential form (i.e.  $9/10=.9=90\%=9*(10^{-1})$  for example...)
- 4. Write the quantity twelve (square root of) in numerical form, fractional exponent form, and in radical form.

## 8:45 Show Ms. Jones your Exit Ticket in your notebook, then get home safely!

#	Fractional	Radical	multiply	exponent	fraction	decimal	percent	Por
Quantity	Exponents	form						Ciento
8	$(64)^{1/2}$	√64	4*2	81	64/2, 8/1	8.0	800%	800/100
3-1	$(1/9)^{1/2}$	√1/9	33*(1/99)	3-1	1/3	.3333	33%	33/100
One			2*(1/8),	4-1	1/4	.25	25%	25/100
Quarter			1/2 * 1/2					
twelve	$(144)^{1/2}$	$\sqrt{144}$	3*4, 6*2					1200/100
One fifth								