

Lesson Plan, **6-9pm, Tuesday, 13 November, 12018 HE rm. 211**, SDCE, North City Campus
 Instructor: Ms. S. D. Jones

In our Learning Toolbox:

What is a **guaranteed basic income**, and how do you find out if your Congressmen and State Assembly/State Senate representatives know about it?

Vocabulary:

Copy into your notes, and Mind Map each word:

<u>Reading Comp. Vocab.</u>	<u>Grammar Vocabulary</u>	<u>Math Vocabulary</u>	<u>Test-taking Skills</u>
cycles	Frequently confused words	Pythagorean Theorem	Be sure to distinguish between various possible meanings of the same word
biogeochemical	affect/effect	Hypotenuse	Context
cycle	Hear/here	legs	key
Carbon cycle	accept/except	base	Place in a system vs. Place value

6pm:

Write one or two sentences explaining what you think might do if you had an extra \$1000 per month to use as you wished.

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

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

7:00 to 7:07 Reading Comprehension

7:07 to 7:15 Grammar lecture, using the passage below.

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

7:25-7:30 We do 1st question/problem from each online worksheet together, then you finish the online activities from all lectures individually on the classroom computers.

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

7:00-7:07: **Reading Comp.:** Confusing words: see Vocabulary

Today's Passage: biogeochemical cycles refer to the ways in that important components of the environment cycle bck and forth between the living and nonliving parts of an ecosystem. There are many biogeochemical

cycles, including water, carbon, nitrogen, oxygen, rock and numerous minerals such as phosphorus. They except input at the start of the cycle and give back the same amount at the end of the cycle. When you here about the water cycle, you will understand more.

- (Today's reading comes from P. 209 in Peterson's Master the HiSET, 2nd Edition ...)

Where are the Grammatical and spelling errors in this passage?

What confusing words from today's vocabulary words might have been used incorrectly?

7:07-7:15 Grammar: Confusing words: see today's vocabulary

Rules: Some words require knowing the context in order to know which word to use.

For example: To **hear** noise is to be **here** in this classroom with the windows open.

Let's do the first question from our grammar activity:

<https://www.khanacademy.org/humanities/grammar/usage-and-style/frequently-confused-words/e/frequently-confused-words--affect-effect>

and

<https://www.khanacademy.org/humanities/grammar/usage-and-style/frequently-confused-words/e/frequently-confused-words--here-hear>

7:15 Mathematics Topic: Introducing the Pythagorean Theorem

How did the ancient Egyptians measure area every year after the Nile overflowed its banks and moved their property boundary markers?

Now, let's do the online math practice problem together:

https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/geo-pythagorean-theorem/e/pythagorean_theorem_1

7:30

1.) Please do the rest of our online grammar worksheet:

<https://www.khanacademy.org/humanities/grammar/usage-and-style/frequently-confused-words/e/frequently-confused-words--here-hear>

2.) <https://www.khanacademy.org/humanities/grammar/usage-and-style/frequently-confused-words/e/frequently-confused-words--affect-effect>

and

2.) Please do the remainder of online math worksheet:

https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/geo-pythagorean-theorem/e/pythagorean_theorem_1

- 8:40 **Exit Questions:** 1. Please **write** one sentence explaining the relationship between the three sides of a right triangle
2. What does the word *biogeochemical* mean?
 3. Please write the square root of 16 in both radical and fractional exponent forms.
 4. In any cycle, does the actual amount being cycled change? (yes/no)

8:45pm: show notebook with Exit Ticket answers, get home safely!