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

In our Learning Toolbox:
What is the difference between a bank and a Credit Union?

Vocabulary:
Copy into your notes, and Mind Map each word:

<table>
<thead>
<tr>
<th>Reading Comp. Vocab. adaptations</th>
<th>Grammar Vocabulary</th>
<th>Math Vocabulary</th>
<th>Test-taking Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Possessives - the</td>
<td>Congruent perimeter of regions</td>
<td>Vocabulary</td>
</tr>
<tr>
<td></td>
<td>apostrophe</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Species, organism                 | Contraction (not birth!) | Arc | Attention to detail |
features                          | Possess, possessions | Theta (Θ) degrees | Words matter (i.e. about means round ...) |

6pm: Write one or two sentences explaining what you think might be a species.

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.: “The smallest and most important category of organisms is the Species.”

Today’s Passage: every species of organism has special features and abilities called adaptations that help it live in its environment. Adaptations can be almost anything, depending on where an organism lives. For example, flounder are fish that swim quite slowly. Therefore, …

. (Today’s reading comes from P. 206 in Peterson’s Master the HiSET, 2nd Edition …)

Where are the Grammatical and spelling errors in this passage?

7:07-7:15 Grammar: Possessives -the apostrophe
Rules: Use an apostrophe to show that someone owns something.
For example: That is Sabra’s paper.

Let’s do the first question from our grammar activity:
introduction-to-the-possessive/e/introduction-to-the-possessive-case

7:15   Mathematics Topic: **Congruent perimeter of regions**  
(Source: P. 157 and P. 161)  
The book says in that “if two regions are congruent, they have the same perimeter. . . . if two regions are congruent, they have the same area.”

If two shapes have the same perimeter, do they have to have the same area?

Now, let’s do some of all of the online math practice activity together:

7:30   
1.) Please do the rest of our online grammar worksheet:
introduction-to-the-possessive/e/introduction-to-the-possessive-case

and

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

8:40   **Exit Questions:**   
Tuesday, Day 37
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. \(9/10=0.9=90\%=9\times(10^{-1})\) for example…) in the table below, in your notebook.
4.  Write the quantity twelve (square root of) in numerical form, fractional exponent form, and in radical form in the table below in your notebook.
<table>
<thead>
<tr>
<th># Quantity</th>
<th>Fractional Exponents</th>
<th>Radical form</th>
<th>multiply</th>
<th>exponent</th>
<th>fraction</th>
<th>decimal</th>
<th>percent</th>
<th>Por Ciento</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>(64)^{1/2}</td>
<td>√64</td>
<td>4*2</td>
<td>8^1</td>
<td>64/2, 8/1</td>
<td>8.0</td>
<td>800%</td>
<td>800/100</td>
</tr>
<tr>
<td>3¹</td>
<td>(1/9)^{1/2}</td>
<td>√1/9</td>
<td>33*(1/99)</td>
<td>3¹</td>
<td>1/3</td>
<td>.3333</td>
<td>33%</td>
<td>33/100</td>
</tr>
<tr>
<td>One Quarter</td>
<td></td>
<td></td>
<td>2*(1/8), ½ * ½</td>
<td>4¹</td>
<td>1/4</td>
<td>.25</td>
<td>25%</td>
<td>25/100</td>
</tr>
<tr>
<td>twelve</td>
<td>(144)^{1/2}</td>
<td>√144</td>
<td>3<em>4, 6</em>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1200/100</td>
</tr>
<tr>
<td>One fifth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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8:45  Fill in and show Exit Ticket in your notebook, then get home safely!