Lesson Plan, 6-9pm, Wednesday, 14 November, 12018 HE rm. 211, SDCE, North City Campus
Instructor: Ms. S. D. Jones

In our **Learning Toolbox**:

**Wh?**

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

<table>
<thead>
<tr>
<th>Reading Comp. Vocab.</th>
<th>Grammar Vocabulary</th>
<th>Math Vocabulary</th>
<th>Test-taking Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>life cycles</td>
<td>Paragraph organization</td>
<td>Pythagorean Theorem, II</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>stages</td>
<td>Thread of a paragraph</td>
<td>Altitude</td>
<td>Attention to detail</td>
</tr>
<tr>
<td>Unicellular organism</td>
<td>Theme/topic of a paragraph</td>
<td>Perpendicular Bisector</td>
<td>Words matter (i.e. <em>about</em> means <em>round</em> …)</td>
</tr>
</tbody>
</table>

6pm:

**Write** one or two sentences explaining what you think might be a life cycle.

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

7pm:

- **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:

**Today’s Passage:** “for most organisms, life is divided into stages. Taken together, all of these different stages between the beginning of an organism’s life and its death are called the life cycle.”  
*(Today’s reading comes from P. 211 in Peterson’s Master the HiSET, 2nd Edition …)*

Where are the Grammatical and spelling errors in this passage?

7:07-7:15 **Grammar:** One idea per paragraph

A paragraph should have one theme or thread unifying it.
7:15  Mathematics Topic: **Continuing the Pythagorean theorem**

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

7:30

1.) Please view the optional online writing video:

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/use-pythagorean-theorem-to-find-side-lengths-on-isosceles-triangles

8:40  **Exit Questions:**  Wednesday, Day 41

1. Write one sentence explaining the difference between the first quadrant and the second quadrant of the (X,Y) coordinate plane.
2. How many quarters are there in 2 dollars?
3. Fill in the rest of 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>8¹</td>
<td>64/2, 8/1</td>
<td>8.0</td>
<td>800%</td>
<td>800/100</td>
</tr>
<tr>
<td>3¹/₂</td>
<td>(1/9)¹/₂</td>
<td>√1/9</td>
<td>33*(1/99)</td>
<td>3⁻¹/₂</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),</td>
<td>4⁻¹/₂</td>
<td>1/4</td>
<td>.25</td>
<td>25%</td>
<td>25/100</td>
</tr>
<tr>
<td>12</td>
<td>(144)¹/₂</td>
<td>√144</td>
<td>3 * 4, 6*2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1200/100</td>
</tr>
</tbody>
</table>

8:45  Fill in and show Exit Ticket in your notebook, then get home safely!