

Lesson Plan, 6-9pm, Wednesday, 24 October, 12018 HE rm. 211, SDCE, North City Campus
 Instructor: Ms. S. D. Jones

In our Learning Toolbox:
 Knowing your preferred/strongest learning styles...

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>
What can we infer about the <i>delay</i> cause?	colons and semicolons	Solve similar triangles	analogy
Fostered	Complex lists	ratios	Precise relationships
<i>Industrial Revolution</i>	Closely connected clauses	Corresponding sides and corresponding angles	Similarity/congruence

6pm:

Write one or two sentences explaining what you think might be the differences between the sum of a number and the difference between two numbers.

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.:**

Today's Passage:

although the Industrial Revolution had begun in England in the late 1700s, it did not begin in earnest in the United States until after the civil War. Cheap labor and agricultural machinery *fostered* this industrialization. Much of the wealth from the nation's new industries went to the owners of very large companies. (Today's reading comes from P. 258 in Peterson's Master the HiSET, 2nd Edition ...)

Where are the Grammatical errors in this passage?

7:07-7:15 Grammar: Colons and semicolons

Rules: **Colons introduce lists, but semicolons give complex lists, and separate two very closely related ideas in a compound sentence:**

For example, "I visited Paris, France; Paris, Texas; and Paris, Illinois." (*Khan Academy*)

and I don't want that pie; I don't like chocolate.

but I want the following items: butter, sugar, and flour.

(<https://www.grammarbook.com/punctuation/colons.asp>)

Please **write one sentence using a semicolon**, for example: "Dr. King wrote *Where Do We Go from Here: Chaos or Community?* in 1967; Letter from a Birmingham Jail, 1963."

(book title in italics from GrammarBook.com:

<https://data.grammarbook.com/blog/capitalization/titles-of-books-plays-articles-etc-underline-italicize-use-quotation-marks/>)

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

<https://www.khanacademy.org/humanities/grammar/punctuation-the-colon-semicolon-and-more/introduction-to-semicolons/e/introduction-to-semicolons>

7:15 Mathematics Topic: Solve Similar Triangle ratios (Source:)

One large triangle can be broken down into two similar triangles by dropping a parallel line from the hypotenuse to the base, cutting the original triangle in two. (See page 145, Master the HiSET 2nd edition)

- 1.) Always draw the two similar triangles separately, first
- 2.) Always list your known information, and your needed information
- 3.) Set up your problem
- 4.) Solve
- 5.) Check your answers

Right triangle ABE has a height of 10" and a total base length of more than 8" with a height of 5" where the distance of the base is 8" from angle E. Angle B is the right angle. Find the length of the base.

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

https://www.khanacademy.org/math/geometry/hs-geo-similarity/hs-geo-solving-similar-triangles/e/solving_similar_triangles_1

7:30

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

<https://www.khanacademy.org/humanities/grammar/punctuation-the-colon-semicolon-and-more/introduction-to-semicolons/e/introduction-to-semicolons>

and

2.) Please do the remainder of online math worksheet

https://www.khanacademy.org/math/geometry/hs-geo-similarity/hs-geo-solving-similar-triangles/e/solving_similar_triangles_1

8:40 **Exit Questions:** 1. Please **write** one sentence explaining what a thesis sentence is.

Could you use it to limit and focus your essay? (yes/no)

2. What is the difference between congruent and similar triangles?

3. See, if you have time and energy, a challenging similar triangles

lesson: <https://www.ck12.org/book/CK-12-Geometry-Second-Edition/section/8.3/>

8:45 Turn in Exit Slip, Dismissal