

Lesson Plan, **6-9pm, Tuesday, 2 October, 12018 HE rm. 211**, SDCE, North City Campus
 Instructor: Ms. S. D. Jones

In our ***Learning Toolbox***:
 San Diego Public Library system
 (1. ordering books, 2. InterLibrary Loan, 3. Reference Librarians)

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>
Identifying the author's conclusion	Capitalization, part two of three:	Exponents, part 2 of 2:	Reading comp. lecture sentences
Contemplate	Proper noun	repeated addition	Diagonal on times table
Reflect upon	Noun	repeated multiplication	Squares
Consider	Specific	Exponential form	Cubes
Nationalism	Particular	perfect squares	Consecutive, even
Turn of the century	individual	Square numbers	context

6pm: Spend one minute contemplating nationalism.

Write one or two sentences explaining why you think *nationalism* is either important, or dangerous, or both.

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 we will have our Grammar lecture, using this passage

7:15 to 7:25 we will have our math lecture, also using this same passage.

7:25-7:30 We will do the first question/problem from **each** online worksheet together, then you finish the online activities from all three lectures individually on the classroom computers, on your laptop or, on your smart phone.

7:00-7:07 **Reading Comprehension:** What ***conclusion*** has the author drawn and why?

“Nationalism sparked intense competition between European nations. by the turn of the twentieth century. a fierce rivalry had developed among Europe’s most powerful countries.

Those countries were Germany, Austria-Hungary, Great Britain, Russia, Italy, and France. In June 1914, World War I began.” (Today’s reading comes from P. 285 of Peterson’s Master the HiSET, 2nd Edition ...)

- Where are the proper nouns in this passage?
- Is there any lack of capitalization in this passage?
- Where are the missing capital letters in this passage?
- Where are the other Grammatical errors?

7:07 Grammar lecture: *Capitalizing proper nouns*

Rules:

<p>Capitalize the titles of high-ranking government officials when used with or before their names. Do not capitalize the civil title if it is used instead of the name.</p>	<p>Examples: <i>The president will address Congress. All senators are expected to attend. The governors, lieutenant governors, and attorneys general called for a special task force. Governor Connelly, Lieutenant Governor Martinez, and Senators James and Hennessy will attend the meeting.</i></p>
<p>Capitalize a title when used as a direct address even when the person is not named.</p>	<p>Examples: <i>Will you be holding a press conference, Madame President? Please give us your opinion of this latest development, Senator. We need your response quickly, Mr. President. We need your response quickly, President Obama. Will you help me with my homework, Dad?</i></p>
<p>When you use the complete names of departments, capitalize. You may also capitalize a shortened form of a department. Do not capitalize when these words are used as adjectives or</p>	<p>Examples: the United Nations General Assembly the General Assembly Congress a congressional committee</p>

generically.	
Capitalize civil titles only when used with the name following or when addressing someone directly.	Examples: <i>Councilman James Harris</i> <i>the councilman</i> <i>James Harris, councilman</i> <i>How are you voting, Councilman?</i> <i>President Obama</i> <i>the president</i>
If you are working on government documents or you are representing a government agency, then you may capitalize words like <i>City</i> , <i>County</i> , and <i>District</i> when they stand alone.	Example: <i>The County will implement the plan approved by the voters last June.</i>
When you refer back to a proper noun using a shortened version of the original name, you may capitalize it.	Examples: <i>The District Water Plan allocates ...</i> <i>The Plan calls for ...</i> <i>The Federal Bureau of Investigation has taken the case. The Bureau has sent out a bulletin to other federal departments to enlist their help in capturing the fugitive.</i>
However, if you are not working on government documents or are not representing a government agency, do not capitalize generic or shortened terms.	Examples: <i>The county will implement the plan ...</i> <i>The plan calls for ...</i> <i>The bureau has sent out a bulletin ...</i>
sources:	https://data.grammarbook.com/blog/capitalization/when-to-capitalize-peoples-titles/ https://data.grammarbook.com/blog/capitalization/capitalization-of-departments-offices-and-government-titles/

Please **write** one sentence using a proper noun (i.e. “Lincoln wrote The Emancipation Proclamation on the back of an envelope.”)

7:15 Mathematics: Exponents, part 2/2: Anything to the 0th & 1st, Pwrs of 0, Exponent expressions

Review:

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponents/a/introduction-to-exponents>

What was my SmartAlec answer to “Express 100 in exponential form?”

So what is any # raised to the 1st power?

What might any # raised to the 0th power be?

How might we evaluate $2^3 + 2^0$?

How about $.2 \cdot .2 \cdot .2$? How would we do this in fractional form? In decimal form?

What is $.2 \cdot .2 \cdot .2$ in exponential form?

What do you notice about the exponent and the number of decimal places?

Let’s summarize on a chart: Arithmetic form, Fractional form, decimal form, exponential form

Continuing from yesterday for a fun group activity: If you want to partner up with a classmate, work together for 7 minutes to take a crack at:

The Djinni’s Offer:

“After opening an ancient bottle you find on the beach, a Djinni appears. In payment for his freedom, he gives you a choice of either 50,000 gold coins or one magical gold coin. The magic coin will turn into two gold coins on the first day. The two coins will turn into four coins total at the end of two days. By the end of the third day there will be eight gold coins total. The Djinni explains that the magic coins will continue this pattern of doubling each day for one moon cycle, 28 days. **Which prize do you choose?**”

When you have made your choice, answer these questions:

- The number of coins on the third day will be $2 \times 2 \times 2$. Can you write another expression using exponents for the number of coins there will be on the third day?
- Write an expression for the number of coins there will be on the 28th day. Is this more or less than a million coins?"

(from: <https://www.illustrativemathematics.org/content-standards/tasks/532>)

Now, let's do the first online Grammar worksheet question together:
https://www.grammarbook.com/grammar_quiz/capitalization_2.asp

and

Now let's do the first online math worksheet problem together:
<https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponents/e/exponents>

7:30

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

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponents/e/exponents>

and

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

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponents/e/exponents>

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

8:40 **Exit Questions:** Tuesday, day 17

1. Write one sentence explaining the difference between the four forms we used today.
2. What is nationalism?
3. Write one fourth as a fraction, decimal and a percent and in some exponential form (i.e. $9/10 \times 9/10 = .9 \times .9 = .81 = 81\%$)
4. Please **write** one sentence explaining how many decimal places an exponent gives when multiplying decimals.

8:45 Turn in Exit Slip, Dismissal