

## OPTION TOPIC WORK

Assignment components for the topic of your choice (Topics A-D)  
Class time will be provided to work on these assignments when possible

Please plan accordingly as the due date is a **HARD DUE DATE (First Day of School)**. Completed work will be accepted after the due date with a **20% DISCOUNT EACH DAY LATE**. Incomplete or inadequate work will not receive a full credit score. Please produce quality work.

If you are **HL**, you **must** complete the HL sections as well.

**DUE DATE First Day of School**

\*The **purpose** of each assignment is to benefit your learning and preparation for IB Exam Paper 3. IB Paper 3 is all free response. It is always helpful to produce work for #4 below that may aid others studying the same Option topic if you decide to study in groups AND students in future graduating classes. Please produce quality work.

- 1) (Assignment score in quarter 1)

**Notes** – must include details beyond vocabulary and information in fast facts document

**Draw, label and annotate 2 diagrams per subsection** - state page of textbook where diagram (Example of subsection: 13.1, 13.2)

- 2) (Assignment score in quarter 1)

All **SL exercises** within text of SL chapter \*\*include explanation for all multiple choice and show work for all calculations – use **worked solutions to check for correctness, make note of important points to remember or corrections/modifications to original answer IN SECOND COLOR**

- 3) (Assignment score in quarter 1)

All **SL practice at end of chapter practice problems** of SL chapter – use **worked solutions to check for correctness, make note of important points to remember or corrections/modifications to original answer IN SECOND COLOR**

- 4) (Performance score in quarter 1)

1 creative product per subsection (Example of subsection: 13.1, 13.2)

**You may only do the same creative product twice (maximum two crosswords, 2 flow charts, two comic strips, etc.)**

Example creative product:

- a. Typed crossword with answer key (minimum 15 words),
- b. flow chart, with explanation of content,
- c. comic strip, with explanation of relationship to content,
- d. 11x 14 portrait poster of content as viable teaching aid for display,
- e. 3D model of content as viable teaching aid for display,
- f. individually made Quick time movie with audio & visual,
- g. Poem or song with explanation of content,
- h. informative SMALL tri-fold board or manilla folder (Name and topic on front cover, information uses color with purpose, organized, detailed, with labelled and annotated diagram and explanations, citations for outside sources on back cover, All portrait when setting open as table display)

**I am open to other ideas, send request and description via Canvas for approval.**

- 5) (Test score in quarter 2 - score will be scaled based on IB score & recorded on Canvas) IB Exam Paper 3

Division of sections by option:

Option A (materials): A.1-A.7 SL/ A.1-A.10 HL

Option B (biochemistry): B.1-B.6 SL/ B.1-B.10 HL

Option C (energy): C.1-C.5 SL/ C.1-C.8 HL

Option D (medicine): D.1-D.6 SL/ D.1-D.9 HL

In addition, for the IA please do the following: a research topic for the IA (textbook has requirements) along with methodology picked out and a minimum of 3 resources decided upon. Everything will be collected on the first day of class on canvas.