

Unit 8: Thermochemistry

***PLEASE COMPLETE THE Unit PRE-test before beginning the unit.**

- You should be spending at least **60 minutes** a day on Chemistry Curriculum.
- Just watching the video notes and taking the post assessments may not be enough to understand the material. Printing and completing the note taking guide is recommended.
- Completing all practices immediately after taking a post assessment is also recommended. Seeking help if you are not passing your post assessments and/or practices is essential.
- If you are behind you **MUST** spend additional time on Chemistry to catch up and meet due dates!

Unit 8 Vocabulary

- Unit 8 Vocabulary is optional

Energy & Specific Heat Video Notes

- Note taking guide provided. Print copy for reference
- Read pp. 489-497 as an additional resource

Energy & Specific Heat Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 3/27, 3:30 PM

Calorimetry Simulation

- will open up after scoring 80% on post assessment
- Refer to rubric for scoring before submitting
- Submit report by 3/29, (corrections through 11:59 PM)

Specific Heat Practice

- will open up after scoring 80% on post assess.
- **Practices are strongly encouraged before moving on to help with mastering the material.**

Specific Heat Lab

- will open up after submitting Calorimetry Simulation
- This lab must be completed in the classroom
- Refer to rubric for scoring before submitting
- Submit by 3/31 (corrections through 3/31, 11:59 PM)

Enthalpy Video Notes

- Note taking guide provided. Print copy for reference
- Read pp. 498-504 as an additional resource

Enthalpy Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 4/3, 3:30 PM

Energy Diagrams Practice

- will open up after scoring 80% on post assess
- **Practices are strongly encouraged before moving on to help with mastering the material.**

Bond Enthalpy Practice

- will open up after scoring 80% on post assess
- **Practices are strongly encouraged before moving on to help with mastering the material.**

Cold Pack Simulation Lab

- will open up after passing Enthalpy Post Assessment
- Submit answers through Blackboard by 4/5

Concept Quiz 1 (Energy, Specific Heat & Enthalpy)

- Quiz will open up after Cold Pack Simulation
- **Completing all practices before the Concept Quiz is recommended.**
- **Complete Quiz in the classroom by 4/6, 3:30 PM**
- If you earn below 65% on the quiz you must:
 - Compete all Note Taking Guides and all practices
 - Retake the quiz and pass with a 65% or higher

Hess' Law Video Note

- Note taking guide provided. Print copy for reference
- Read pp. 506-509 as an additional resource

Hess' Law Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 4/7, 3:30 PM

Hess' Law Practice

- will open up after scoring 80% on post assess
- **Practices are strongly encouraged before moving on to help with mastering the material.**

Extra Credit-To Be Determined

- Submit via Blackboard by 4/11, 11:59 PM
- Extra Credit will not be accepted late

Optional Crib Sheet for Unit 8 Test

- If all practices are completed until a 75% or better is earned, you may use a "teacher guided" crib sheet.
- Pick up the color crib sheet from your teacher at least ONE DAY prior to taking the test.

Unit 8 Test

- **Completing all practices before the Unit Test is recommended. (Catch your error before the test.)**
- Test must be completed in the classroom
- Pass by 4/12, 3:30 PM

Retake Unit 8 Test

- If you earn below 65% on the Test you must watch videos &:
 - Compete all Note Taking Guides
 - Complete all practices in the unit and Submit
 - Retake Unit 8 Test and pass with a 65% or higher