

Unit 5: Chemical Reactions

***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.

**Print the Oxidation Chart for your Reference
Periodic Table will also be needed for this unit.**

Unit 5 Vocabulary

- continue to work on vocab as you work through the other notes/assignments
- Unit 5 Vocabulary is optional

Balancing Chemical Equations Video Notes

- Note taking guide is provided. Please print a copy for your reference.
- Read pp. 280-283 as an additional resource

Balancing Chemical Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 1/18, 3:30 PM

Online ChemBalancer Practice

Optional practice with balancing equations can be found at

- <http://funbasedlearning.com/chemistry/chemBalancer/default.htm>
- <http://funbasedlearning.com/chemistry/chemBalancer2/default.htm>
- <http://funbasedlearning.com/chemistry/chemBalancer3/default.htm>

Balancing Chemical Equations Practice

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

PHET Balancing Equations Simulation BONUS Activity

- will open up after scoring 80% on Balancing Equations post assessment
- Refer to rubric for scoring before submitting
- Submit by 1/20, 11:59 PM

Skeleton Equations Video Notes

- Note taking guide is provided. Please print a copy for your reference.
- Read pp. 279--283 as an additional resource

Skeleton Equations Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 1/23, 3:30 PM

Skeleton Equation Practice

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

Types of Reactions and Predicting Products Video Notes

- Note taking guide is provided. Please print a copy for your reference.

Reactions and Predicting Products Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 1/25, 3:30 PM

Reactions and Predicting Products Practice

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

Types of Reactions Lab

- will open up after scoring 80% on Types of Reactions post assessment
- This lab must be completed in the classroom
- Refer to rubric for scoring before submitting
- Submit by 1/27 (corrections accepted through 1/27, 11:59 PM)

Concept Quiz 1 (Balancing & Skeleton Equations, Reaction Types & Predicting Products)

- Quiz will open up after submitting Types of Reactions Lab
- Must be completed in the classroom.

Completing all practices before the Concept Quiz is recommended.

- Complete Quiz by 1/30, 3:30 PM
 - If you earn below 65% on the quiz you must:
 - Compete all Note Taking Guides

- Complete all practices
- Retake the quiz and pass with a 65% or higher

Percent Composition Video Notes

- Note taking guide is provided. Please print a copy for your reference.
- Read pp. 328-330 as an additional resource

Percent Composition Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 1/31, 3:30 PM

Percent Composition Practice

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

Oreo Percent Composition Lab

- will open up after scoring 80% on Percent Composition post assessment
- this lab must be completed in the classroom
- Refer to rubric for scoring before submitting
- Submit by 2/2 (corrections accepted through 2/2, 11:59 PM)

Molecular and Empirical Formulas Video Notes

- Note taking guide is provided. Please print a copy for your reference.
- Read pp. 331-337 as an additional resource

Molecular and Empirical Formulas Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 2/3

Molecular and Empirical Formulas Practice

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

Concept Quiz 2 (% Comp, Molecular and Empirical Formulas)

- Quiz will open up after completing all Post Assessments in unit 5 thus far
- Must be completed in the classroom.
 - **Completing all practices before the Concept Quiz is recommended.**
 - Complete Quiz by 2/7, 3:30 PM
 - If you earn below 65% on the quiz you must:

- Compete all Note Taking Guides
- Complete all practices
- Retake the quiz and pass with a 65% or higher

Hydrates Video Notes

- Note taking guide is provided. Please print a copy for your reference.
- Read pp. 338-341 as an additional resource

Hydrates Post Assessment

- notes are required if post assessment is not passed with a 80% by 3rd attempt
- Pass by 2/8, 3:30 PM

Hydrates Practice

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

Hydrate Simulation Lab

- will open up after scoring 80% on Hydrates post assessment
- Refer to rubric for scoring before submitting
- Submit by 2/13 (corrections accepted through 2/13, 11:59 PM)

Optional Crib Sheet for Unit 5 Test

- If all practices are completed until a 75% or better is earned, you may use a “teacher created” crib sheet on the Unit Test.
- Pick up the color crib sheet from your teacher at least ONE DAY prior to taking the test.
- Crib sheet must be handed in immediately after taking the test or you forfeit all points earned from the test.

Unit 5 Test

- Test will open up after submitting the Hydrate Simulation Lab
- Test must be completed in the classroom
- Pass by 2/14, 3:30 PM

Retake Unit 5 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 the Unit 5 Test and pass with a 65% or higher