

Assignment Timeline

Due Date	Assignment
June 14 (before Finals)	<p>Check out a Textbook – Brown and LeMay “Chemistry: The Central Science”</p> <p>Sign up for the AP Chemistry Google Classroom</p> <ul style="list-style-type: none"> • Go to https://classroom.google.com/ • You will need to be signed in to your OCHS school email address • Use the class code n7t6ttz to join the AP Chemistry Google Classroom <p>Send an Email to Roxanne.Kilpatrick@orecity.k12.or.us from the email account you will be checking over the summer.</p> <ul style="list-style-type: none"> • Subject: AP Chemistry • Body: Write that you are taking AP Chemistry and sign your first and last name <p>Tip: If you do not anticipate regularly checking your school email account over the summer, set up email forwarding to an email account you use more frequently.</p>
June 21	<p>Complete and submit the assigned Letter of Introduction on Google Classroom. Complete instructions can be found on Google Classroom.</p>
July 5	<p>Chapter 1: Introduction - Matter and Measurement (p. 1-29)</p> <p style="padding-left: 40px;">Classifications of Matter & Properties of Matter (Sections 1.2 & 1.3) Read: pages 4-13 Exercises: 1, 2, 11, 17, 18 (p. 30-31)</p> <p style="padding-left: 40px;">Units and Measurement & Uncertainty in Measurement (Section 1.4 & 1.5) Read: Pages 13-24 Exercises: 23, 35, 39, 40 (p. 32-33)</p> <p style="padding-left: 40px;">Dimensional Analysis (Section 1.6) Read: Pages 24-29 Exercises: 9, 43 (p. 31 and 33)</p>
July 19	<p>Chapter 2: Atoms, Molecules, and Ions (p. 36-48)</p> <p style="padding-left: 40px;">The Atomic Theory of Matter & Discovery of Atomic Structure (Sections 2.1 & 2.2) Read: pages 38-42 Exercises: 1, 15, 16 (p. 69 and 71)</p> <p style="padding-left: 40px;">The Modern View of Atomic Structure and Atomic Weights (Section 2.3 & 2.4) Read: Pages 43-48 Exercises: 20, 23, 26, 29, 31, 35 (p. 71-72)</p>
August 2	<p>Chapter 2: Atoms, Molecules, and Ions (p. 48-68)</p> <p style="padding-left: 40px;">Periodic Table, Molecules, & Ionic Compounds (Section 2.5, 2.6, & 2.7) Read: Pages 48-58 Exercises: 38, 43, 44, 47, 51, 55, 56, 59 (p. 72-73)</p> <p style="padding-left: 40px;">Naming Inorganic Compounds & Some Simple Organic Compounds (Section 2.8 & 2.9) Read: Pages 59-67 Exercises: 63, 64, 67, 68, 76 (p. 74)</p>

Assignment Timeline (Continued)

Due Date	Assignment
August 16	Chapter 3: Stoichiometry – Calculations with Chemical Formulas & Equations (p. 80-89) Chemical Equations (Section 3.1) Read: pages 80-83 Exercises: 1, 2, 12, 13 (p. 108-110) Some Simple Patterns of Chemical Reactivity (Section 3.2) Read: pages 84-87 Exercises: 3, 15, 19, 20 (p. 108-110) Formula Weights (Section 3.3) Read: pages 87-89 Exercises: 21, 23, 25 (p. 110-111) Avogadro's Number and the Mole (Section 3.4) Read: pages 89-94 Exercises: 29, 35, 37 (p. 111-112)
August 30 (one week before classes begin)	Chapter 3: Stoichiometry – Calculations with Chemical Formulas & Equations (p. 89-108) Empirical Formulas from Analyses (Section 3.5) Read: pages 95-98 Exercises: 45, 47, 49 (p. 112) Quantitative Information from Balanced Equations (Section 3.6) Read: pages 98-102 Exercises: 57, 58, 63, 64 (p. 113) Limiting Reactants (Section 3.7) Read: pages 102-107 Exercises: 8, 73, 77, 79 (p. 109 and 114)
Expectations for the First Week of School	Completed Summer Homework Due (9/6 first day of school) <ul style="list-style-type: none"> • Students should submit their own original work (not a copy of another person's work). All calculations must be shown with units included on all answers and values used in a calculation. Lab Assignment – applying concepts from Chapters 1-3 (within first 3-5 class days) Test – covering concepts from Chapters 1-3 (within first 5 class days)

Tips for Using the Textbook:

- **Sample exercises** found throughout each chapter model how to work many of the assigned exercises.
- The **Chapter Review**, found at the end of each chapter, includes a paragraph summary of each section of the chapter and a list of “key skills” outlining what you should be able to do upon completion of the chapter.
- Problems with red numbers (usually odd problems) have answers in the tan colored pages in the back of the textbook (after Appendix E, before the glossary).