



ISLAMIC FOUNDATION SCHOOL
Scholarship - Character - Service
300 W. Highridge Rd. - Villa Park, IL 60181
Phone: 630-941-8800 Fax: 630-941-0114



Date: June 2022

Dear AP Student:

Welcome to Advanced Placement Chemistry. The Advanced Placement curriculum reflects college-level analysis. AP Chemistry, as defined by College Board, “is an introductory college-level chemistry course in which students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy”. This course will require students to participate verbally. Students enrolled in an AP course are expected to keep up with the academic rigor involved and spend at least 15 hours on assigned work/review weekly.

By taking this advanced course, you have agreed to engage in summer work. ***Summer work will be due the first week of school.*** It is recommended that you pace yourself with the workload so that you can enjoy and process the materials. Taking time to conduct the summer work will facilitate your understanding and better prepare you for the content covered in August.

You can access all this information on the Islamic Foundation School website. Go to, then click on “Student Life” (top right), then select “AP Summer Work” from the menu. A list of all AP courses will be displayed. Select the course that you are enrolled in.

Summer Work:

Textbook/Reading:

1. Chemistry, 10th Edition Steven S. Zumdahl, Susan A. Zumdahl, Donald J. DeCoste. Published: © 2018
 - a. ISBN-13: 978-1305957404 ISBN-10: 9781305957404 (Buy from last year’s class)
 - Ch.1 #35,41,83,87
 - Ch.2 #55,61,65,69,89
 - Ch.3 #39,67,74,103,119

AND

2. Workbook for General Chemistry by Bassam Z.Shakhshiri and Rodney Schreiner (order from Amazon) https://www.amazon.com/Workbook-General-Chemistry-Bassam-Shakhshiri/dp/1588744310/ref=sr_1_3?dchild=1&keywords=workbook+for+general+chemistry&qid=1627236326&sr=8-3
 - Complete Lessons 1-4 (includes exercises and problems)

Helpful youtube channels:

1. Brightstorm
2. Tyler Dewitt



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3. Organic Chemistry Tutor

Directions:

1. Show your work for any chemistry problems that involve calculations and box your final answer
2. Make sure to review polyatomic ions, metric conversions, solubility rules and molecular geometry from Honors Chemistry and especially stoichiometry.

Please review the IFS Academic Integrity Policy as listed in the Parent/Student Handbook on the school website. As society becomes more reliant on technology, IFS teachers have seen a notable increase in plagiarism, including students claiming material from online sources and/or claiming the work of past and present peers as their own original ideas. Due to this, we want to be sure that each student understands the seriousness of this offense and request that you sign and date the policy (see below) and return it to your AP teacher during the first week of class.

We look forward to having you join us in the upcoming school year,

Sincerely,

Abida Banu
Chemistry Teacher
abanu@ifsvp.org

Academic Integrity Agreement:

I acknowledge that I have read the Academic Integrity Agreement entailing the Student Code of Conduct and Honor Code as identified in the Parent/Student Handbook and I will adhere to these policies and procedures while enrolled at Islamic Foundation School.

Student Signature: _____ Date: _____