

**Course Title: Chemistry****Description:**

This 32 week course is designed for students seeking high school chemistry credit. The course will cover the key areas of chemistry, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, and organic chemistry using a textbook with a Christian worldview. Throughout the course students will develop their ability to practice scientific inquiry – asking questions, hypothesizing, designing experiments, analyzing data, reaching evidence-based conclusions, and communicating results. Labs will include basic lab operations, experiments, and the completion of laboratory reports.

Prerequisites: Grades 10+ and completion of Algebra I

Tuesdays 12:20-1:50PM – Starting August 6; 32 weeks

Minimum 6 students required to start

Textbook: Provided on loan.

Apologia Exploring Creation with Chemistry 3rd edition

Other required materials:

Chemistry 3rd Edition Solutions and Test Manual

Teacher:

Julie Lewis; Contact Bellevue Tutorial, 901-347-5518, tutorial@bellevue.org

Cost:

\$450 (32 weeks)

No other fees

About the teacher:

Julie is a graduate of the University of Memphis where she received her Bachelor of Science in chemistry. She has worked in research, chemical engineering, and teaching over the course of the past twenty years. She loves sharing her love of science with her students through varied experiments and lab activities. She is currently in her 12th year as a homeschool mom. The 2019-2020 school year will be her third year of teaching at Bellevue Tutorial. When not busy with school, she is actively involved with her church and currently serves as the troop coordinator for the American Heritage Girls troop at Faith Baptist.