

Holy Trinity

Where Faith Meets Education



Holy Trinity Course Description 2017-2018

Class Title:	Chemistry for the Logic Stage	Grade Level:	8th
Curriculum:	Elemental Science		
Teacher:	Heather Villagrand	Contact Info:	hvillagrand@att.net

Course Description and Objectives:

We will be using this classical science curriculum to study the building blocks of chemistry, the principles of chemistry, and the applications of chemistry. At home the students will be completing reading assignments and writing a brief narration, sketch work, defining vocabulary, entering dates on a timeline, and working on memory work. In class, we will go over their reading assignment, outline together, review previous weeks, and perform hands-on experiments and fun activities to reinforce the concepts they have read about. They will also get lots of experience writing lab reports and following the scientific method. Unit tests will be given in class. If time permits, the students will also work on a science fair project. My goal is for the students to master basic concepts that will prepare them for high school science courses and hopefully learn how much fun chemistry can be.

List any prerequisites or skills needed:

A time commitment of at least 3 hours per week to complete homework assignments. Depending on the student, some weeks might require more time.

List books, textbooks needed for class:

DK Encyclopedia of Science

Chemistry for the Logic Stage Printed Student Guide

*Please check with me before ordering any books

Where books and textbooks can be purchased:

Elementalscience.com and amazon.com

Other supplies the student needs for class (sciences or special electives, please list any additional fees required):

Pen or pencil

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Teacher Bio:

This will be my 7th year to homeschool and my 4th year at Holy Trinity. Prior to homeschooling I worked as a Registered Nurse at Kingwood Medical Center, taught elementary faith formation classes at Prince of Peace and St. Ignatius, and taught Pre-k at the Wildwood Adventure Preschool in Spring. Here at Holy Trinity, I have had the opportunity to teach writing and science courses to middle school students. Science is my favorite class to teach and I am beyond excited about exploring the field of chemistry with the students this year.