

# Holy Trinity

Where Faith Meets Education



## Holy Trinity Course Description 2017-2018

<b>Class Title:</b>	Chemistry	<b>Grade Level:</b>	10-12
<b>Curriculum:</b>	Apologia		
<b>Teacher:</b>	Laura Marroquin	<b>Contact Info:</b>	<a href="mailto:lmarroquin@gmail.com">lmarroquin@gmail.com</a>

### Course Description and Objectives:

This course will give students an appreciation of the order of creation, the complexity of atoms and their interactions, and mathematical and organic processes. This course is an introduction to chemistry suitable for students in a college preparatory program. Some topics that will be covered are matter and change; scientific measurement; atomic structure; the Periodic Table; ionic, metallic, and covalent bonding; chemical names and formulas; and chemical reactions.

### List any prerequisites or skills needed:

Students should have taken Algebra I.

### List books, textbooks needed for class:

Apologia: Exploring Chemistry 3<sup>rd</sup> Edition Textbook

Apologia: Exploring Chemistry 3<sup>rd</sup> Edition Student Notebook

### Where books and textbooks can be purchased:

Apologia.com, Homeschool Bookstore, Amazon

### Other supplies the student needs for class: (if it is a special elective, list any additional fees as well)

Paper, pens, pencil, highlighters, scientific calculator, spiral notebook

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**Teacher Bio:**

This is my family's second year with Holy Trinity and our sixth year to homeschool. I have my B.A. in Chemistry from Anderson University and my M.Ed. in Educational Psychology from the University of Houston. Before having my children, I worked as a Production Chemist for Ciba Specialty Chemicals. My teaching experience includes one year with Cy-Fair ISD as a 6<sup>th</sup> grade science teacher and nine years as a Religious Education teacher for our parish church, Christ the Redeemer. I am excited to be a part of this homeschool community and feel very blessed to teach your children.