

# MATH

## Algebra 1 - with Beth Bomberger (ULA Year Long Course)

This course discusses topics such as Variables and Equations, Inequalities, Relations and Functions, and Polynomials. Student learning will be evaluated using homework, tests and projects to accommodate a variety of student learning styles.

**This 30 week, full credit course, will meet for 1 hour/wk and is for 8<sup>th</sup>-12<sup>th</sup> graders.**

**Course Supplies:** BJU Press Algebra 1 Teacher's Edition 3<sup>rd</sup> edition (2 book set) (ISBN 978-1-60682-046-9), BJU Press Algebra 1 Student Text 3<sup>rd</sup> edition (ISBN: 978-1-60682-045-2), Scientific calculator

**Course Fee: \$150**

## Geometry - with Beth Bomberger (ULA Year Long Course)

This course discusses topics such as Sets, Measurement, Proofs, Congruence, Triangles, Quadrilaterals, Circles, Area and Volume. Student learning will be evaluated using homework, tests and projects to accommodate a variety of student learning styles.

*Prerequisite: B- grade or higher in Algebra 1 (taken at Upper Level or elsewhere) or instructor permission*

**This 30 week, full credit course, will meet for 1 hour/wk and is for 9<sup>th</sup>-12<sup>th</sup> graders.**

**Course supplies:** BJU Press Geometry Teacher's Edition 3<sup>rd</sup> edition (2 book set) (ISBN 978-1-59166-346-1), BJU Press Geometry Student Text 3<sup>rd</sup> edition (ISBN: 978-1-60682-232-6), Scientific calculator

**Course Fee: \$150**

## Pre-Calculus - with Beth Bomberger (ULA Year Long Course)

This semester course discusses topics such as: Trigonometry, Polynomials, Functions, Inverse Functions, Equations, Conic Sections, Complex Numbers, Matrix Algebra, and more as time permits.

**\*\*Due to the limited time for classroom instruction, students will likely need to complete some lessons based on reading the textbook. Students should be comfortable learning directly from the textbook as needed.\*\*** Students will be encouraged to form peer study groups to enhance their mastery of the material. Student learning will be evaluated using quizzes and tests.

*Prerequisite: B- grade or higher in Algebra 2 and Geometry (taken at Upper Level or elsewhere)*

**This 30 week, full credit course, will meet for 1.5 hours/wk and is for 10<sup>th</sup>-12<sup>th</sup> graders**

**Course Supplies:** BJU Press Precalculus Teacher's Edition (2 book set) (ISBN 978-1-57924-654-9), Precalculus Student Text ISBN: 978-1-59166-986-9, Scientific calculator

**Course Fee: \$190**