



WEST HARPETH CHRISTIAN TUTORIAL

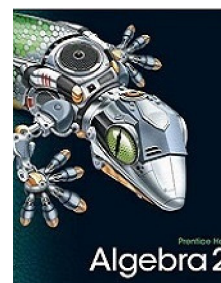
Algebra II

Tutor:

Margaret Kirk
mkirk@westharpeth.org

Prerequisites:

- Algebra I
- Students scoring a B or better in prerequisites taken at WHCT are not required to take a placement test.
- All other students must pass a placement test prior to registration.



Course Description

Algebra 2 is intended to delve deeper into algebra, solidifying topics covered in Algebra 1, and introducing more advanced topics for Precalculus.

Algebra 2 topics include linear systems of equations; quadratic functions, relations, and conic sections; polynomial functions, radical and rational functions, rational exponents, exponential and logarithmic functions; sequences and series.

Additional topics include an introduction to probability and statistics; matrices; and trigonometry.

Books & Supplies

- **Algebra 2**, 2011 edition (not common core)
 - ISBN - 0133500438
- binder with tabs labeled Notes, Homework, Study Materials, Assessments.
- Loose-leaf paper & Loose-leaf graph paper
- ACT-approved graphing calculator
 - TI-84+ preferred
 - no phone calculators allowed
- MathXLforSchools access code (provided via lab fee)

Commitment

- This course meets on Tuesdays AND Thursdays.
- At the beginning of each quarter, students will receive the assignments and due dates. Assignments will be a mix of MathXL and textbook exercises.
- Students are expected to show neatly written work.
- Students are expected to check answers to odd-numbered textbook exercises in the back of the textbook.
- Students will have homework checked for completion each class meeting. Not always, but possibly, even-numbered textbook exercises and math XL assignments may be taken for a grade.
- Unit tests will be administered at home.

A typical class will look like...

Students will have a warm up exercise to complete as they enter the classroom. This exercise provides a 3-4-minute review of the previous lesson or an introduction to the day's lesson. Students will have an opportunity to ask homework questions and then learn a new lesson(s). Classwork/partner practice/activities are used during class time to reinforce the new material learned.