

# Co-teacher's Guide to Academic Partnership



## 10TH GRADE

This guide provides an overview of what students will be working on in English and Math. Each student is challenged not only academically, but also spiritually. We choose curriculum that:

- Has a biblical worldview and/or secondary resources with a strong biblical foundation.
- Allows teachers to point students to the development of strong Christ-like character. Students are taught by a Christian faculty. Weekly Bible classes are incorporated into the curriculum.
- Gives parents the opportunity to engage with their students on off-campus days.
- Prepares students for college and life.

Curriculum is selected by committee and reviewed every four years. A complete listing of Goals for Student Learning at Legacy may be found at [www.legacycpca.org/academics/academic-overview](http://www.legacycpca.org/academics/academic-overview). Goals are adapted from the National Survey of Student Engagement (NSSE) school-wide goals for student learning.

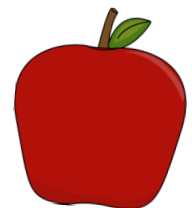
## English Objectives

### A Sample of What Your Student Will Be Working on in 10th Grade

- Analyzing purpose in writing, choosing an appropriate topic, and evaluating an audience.
- Writing thesis and conclusion statements.
- Clarifying importance of note card titles to research outline, annotating research article, creating a note page with information from researched article.
- Writing a research paper using MLA format.
- Using simple, compound, complex, and compound-complex sentences.
- Understanding direct and indirect characterization.
- Analyzing and discussing elements of classic literature.
- Identifying well-known allusions from Shakespearean texts.
- Reading poetry for meaning.
- Identifying and analyzing sentence patterns.
- Learning two-step plan for solving analogies.
- Determining word meaning by context.
- Differentiating adjectival prepositional phrases from adverbial prepositional phrases.
- Identifying appositives and the words they modify.
- Identifying participles and participial phrases and words they modify.
- Choosing the correct verb tense in sentences containing compound subjects, intervening phrases, or predicate nouns.
- Understanding that God created everything and gave us individual gifts; man was made to have a love relationship with God.

### Talking with the Classroom Teacher

Teachers work with their team to write lessons that meet the learning objectives of the school and curriculum, and are happy to speak with you about your child's progress. The co-teacher's role is to oversee the implementation of instructions from the classroom teacher such as homework assignments, follow-up study over covered material, review needed for the next class, and monitoring academic progress at home, including the timely submission of all assignments. Here are some possible topics to discuss with the teacher:



- Is my child satisfying expectations? How can I encourage my child? Do you have any suggestions for ways I can work with my child at home?
- Is my child meeting the expectations of homework assignments? Are there any study skills we should be working on at home? Do you have suggestions on how best to prepare for exams?
- How well is my child comprehending class novels? Is my child participating in class discussions about the novels?
- Is my child using correct spelling, punctuation, and grammar in his or her writing?

# Mathematics Objectives

## A Sample of What Students Will Learn in Geometry

- Writing converses, inverses, and contrapositives.
- Identifying, using, and judging the validity of biconditional statements.
- Using properties of equality to write geometric proofs.
- Naming and using corresponding parts of congruent polygons.
- Using the ASA and AAs Postulates to test for triangle congruence.
- Recognizing and using proportional relationships of corresponding angle bisectors, altitudes, and medians of similar triangles.
- Writing and simplifying ratios; writing and solving proportions.
- Verifying similarity after a similarity transformation.
- Solving problems involving relationships between parts of a right triangle and the altitude to its hypotenuse.
- Drawing rotations in the coordinate plane.
- God has created all things for his glory.

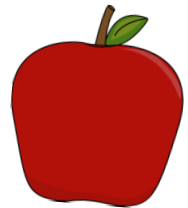
## A Sample of What Students Will Learn in Algebra II

- Simplifying algebraic expressions.
- Writing, solving, and graphing linear equations.
- Writing and solving systems of equations by graphing and using algebraic methods.
- Performing operations with matrices and using matrices to solve systems of equations.
- Writing, solving, and graphing quadratic equations.
- Performing operations with polynomials and factoring polynomials.
- Solving triangles using trigonometric ratios.
- Recognizing, writing, and finding sums of arithmetic and geometric sequences and series.
- Evaluating and graphing trigonometric functions.
- Simplifying and solving radical and rational expressions and equations.
- Writing and solving exponential and logarithmic functions, including growth and decay.
- Finding probability and statistics.
- Recognizing mathematics as God's means of communicating His order for the purpose of man's stewardship (Dominion Mandate), revealing Himself, and provoking worship.

## Talking with Your Child's Teacher

See previous page for classroom teacher and co-teacher roles. If needed, here are some possible topics to discuss with the teacher:

- Is my child's work satisfying classroom and home day expectations?
- Am I doing what I need to do to help my child at home?
- Does my child appear to be focused on completing tasks or on learning the concepts?
- Would my child benefit from working with a tutor?



## Helping Your Child at Home

Scripture teaches that parents are responsible for their children's education and discipline. The school is not a substitute for the home, but a means through which parents fulfill the responsibility the Lord has given them. Legacy seeks to give parents greater access to their children's scholastic lives in a university-model structure.

As you work with your student at home, you will stay informed of what your child is working on, which will help you identify areas in which your child needs help or enrichment. If your child is struggling with concepts or workload, you are encouraged to immediately share this information with your classroom teacher to encourage partnership. Additionally, here are some activities you can do with your child to support learning at home:

### English

- Ask your child about what he or she is reading. Read the novels your child is reading to encourage conversation.
- Proofread your child's papers and make suggestions for clarity. Encourage diligent study of vocabulary. Ask student to identify the meaning of unknown terms based on context clues in the sentence or paragraph.
- Read over RenWeb assignments to ensure completion; encourage development of good study habits.

### Mathematics

- Ask your child to explain the day's lesson to you.
- Even if you are able to help your child with high level math, allow your child first to find an example in the textbook or notes to begin learning to use resources.
- Talk through graded work together and have your child make corrections using notes and odd problems for reference. If your student is having a hard time with a concept, set up a time to get extra help from the teacher.