

INSTRUCTIONAL DELIVERY

Guided Instruction (GI) - This type of instruction is guided by the Learning Coach (usually this is the parent) who is responsible for ensuring the student completes the work. This instruction is similar to a parent helping with homework for a traditional classroom course. Levels of online or offline instruction vary by course. Grades and assignments are viewable online so student progress is clear to the Learning Coach. The certified teacher will pace the course and grade student assignments. They are available to assist the Learning Coach, as needed.

-OR-

Live Interactive Learning (LIL) - This type of instruction is conducted in an online synchronous learning environment by a certified teacher. Much like a traditional classroom, LILs are held during established times each week. Students are required to consistently be in attendance online at a specific time. Live Interactive Learning provides increased accountability along with increased peer interaction.

Grades K-6

CURRICULUM

The curriculum choices below will be discussed during the SEP process to determine the best fit for each student.

Mathematics			
Math U See*	K - 6	LIL, GI	LILs will be for catching up; workbooks, video instruction for GI
Calvert	K - 6	GI	math application
Saxon	K - 6	GI	workbooks
Teaching Textbooks	3 - 6	GI	can be completely online

***Elementary Math U See LILs**

We will be teaching combined levels of Math U See...

Alpha/Beta - Alpha is an entire book of single digit addition and subtraction. Beta is an entire book of multiple digit addition and subtraction. Pacing the program with 2 lessons each week we can finish both books in one school year. The goal is to help students be proficient with their addition and subtraction facts, fact families, place value and carrying and regrouping.

Gamma/ Delta - Gamma is an entire book of multiplication. Delta is an entire book of division. Pacing the program with 2 lessons each week we can finish both books in one school year. The goal is to help students be proficient with their multiplication tables, division facts, inverse operations, fact families, multiple digit multiplication problems, long division, variables and beginning geometry.

Epsilon/Zeta - Epsilon is an entire book of fractions. Zeta is an entire book of decimals and percentages. Pacing the program with 2 lessons each week we can finish both books in one school year. The goal is to help students be proficient with adding subtracting,

multiplying and dividing fractions. Making common denominators, simplifying fractions, using the GCF and the LCM. It continues with understanding decimal place value, changing fraction to decimals and percentages, multiplying and dividing decimals, negative numbers, absolute value, metric conversion, exponents and coordinate planes.

This Math U See program lends itself to helping struggling students fill in any gaps they may have. It comes with an excellent instructional video (CD rom) which will be used in conjunction with the “Live Interactive Classes” These three courses will provide excellent preparation for junior high pre-algebra.

Language Arts			
Calvert	K - 6	LIL, GI	depth
Waterford or Lexia*	K - 2	GI	phonics, online videos + handwriting workbook/ teacher recommendation required
Verticy	3 - 6	GI	3rd-8th grade students who are below grade level/ teacher recommendation required

**Pending further review by administration and approval by the Board of Trustees*

Science			
Waterford*	K - 2	GI	online videos
Calvert	K - 6	GI	depth
Key Science	K - 6	GI	Canvas class
Studies Weekly	K - 6	GI	Online + newspapers

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Social Studies			
Waterford*	K - 2	GI	online videos
Calvert	K - 6	GI	depth
Key History	K - 6	GI	Canvas class
Studies Weekly	K - 6	GI	online + newspapers

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CURRICULUM DESCRIPTIONS

The curriculum options below will be discussed during the SEP process to determine the best fit for each student.

Math U See

Math-U-See is designed to teach students specific skills that build as the student progresses. This systematic and cumulative approach uses a definite, logical sequence of concept instruction. The Math-U-See system is structured with step-by-step procedures for introducing, reviewing, practicing, and mastering concepts. Each lesson teaches using multi-sensory tools such as videos, manipulatives, and other resources, designed to appeal to any type of learner. The LIL classes for Math U See will help students through two levels in one year if they are behind grade level.

Calvert Math

Calvert Math teaches key math skills and how to apply them to everyday life situations. The program provides daily lessons and step-by-step directions and places strong emphasis on the higher-level critical thinking and problem solving skills. Each course includes a textbook, a lesson manual, and digital lessons.

Saxon Math

Saxon Math is based on the teaching principles of incremental development, continual practice and review, and cumulative assessment. Manipulatives are used in grades K-3 to teach basic concepts, plus geometry, patterns, and time. Math 5/4–8/7 transitions to textbooks, plus algebraic and geometric reasoning. The K-3 manuals are scripted and a parent. This course takes consistent parental involvement.

Teaching Textbooks™ Math

Teaching Textbooks™ were designed specifically for independent learners. Explanations are clear and the student can view the steps for all problems they do not understand in the homework. The review process builds skills while reinforcing the meaning of the material to the student. Assignments are online. The length of assignments are designed so slower students won't get "bogged down" and brighter students won't get bored. This program takes less parent involvement. If students are confused, they may after interacting with the material, they may call Teaching Textbooks™ to ask a tutor their question.

Calvert Language Arts, Science, or Social Studies

Students will develop strong reading comprehension skills, write original composition pieces, develop critical thinking skills, read classic literature, and apply knowledge in vibrant, expressive ways. Science students can explore a variety of science topics through enquiry projects. Social Studies students will learn about the world around them. Project-based learning adds fun and engagement and allow students to collaborate with their peers.

Analysis of student usage, performance, and progress is available in the online platform. Proven, time-tested K-12 curriculum and assessment methods employ the right mix of print and/or digital formats for each grade. Calvert has integrated e-textbooks, video, and online resources into the curriculum to provide students with a dynamic, fun, and enriching learning experience. Elementary courses also include integrated technology lessons so students develop an understanding and appreciation of how to apply these skills to their everyday work.

<http://www.calvertforschools.com/>

Waterford Early Reading, Science, or Social Studies

Personalized learning software adapts automatically to give each student a unique learning experience tailored to his or her own skill level and pace, making it ideal for all of your early learners. The early reading component is a comprehensive, technology-based program with integrated assessments.

<https://www.waterford.org/waterford-early-learning/>

Lexia Language Arts

Students work independently online to develop critical reading and language skills through individualized, motivating learning paths. All students, regardless of their skill level, can work at their own pace and the teacher is notified (on web-based reports and via email) only when they require support. Lexia is engaging and is a student favorite.

<https://www.lexialearning.com/>

Verticy Learning

The Verticy Learning program was created specifically for students who are struggling with reading, spelling, or writing for a variety of reasons including dyslexia or other learning disabilities. The Verticy Learning program helps students develop academic confidence and rekindle their love of learning.

<http://www.calverteducation.com/curriculum/verticy-struggling-students>