

Curriculum Catalog



2018 – 2019

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Curriculum Catalog 2018 - 2019

Great Valley Academy Charter Homeschool
Kindergarten - 8th Grade

Math

Grade

Math U See

K-8

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. With these resources, we are able to adapt to a variety of homeschool styles.

Saxon

K-8

The Saxon series is a favorite among homeschoolers because of its ease of use, especially for the teacher who is not experienced in math. It provides constant review and presents new concepts in a clear, concise manner. Each lesson introduces a new concept followed by a few practice examples. The student then completes problem sets which include review of all previously learned concepts. It takes about 1 to 1 ½ hours daily per child for instruction and completion of lesson.

Tests are given after every 4 or 5 lessons.

Saxon CD

Saxon 4/5-Algebra

In a home setting, parent/teacher involvement is essential for the success of this program since interaction and discussion are key elements to learning the concepts. The textbooks do not simply provide explanations and answers; instead they provide learning tasks that the student does with guidance. Every lesson in the Saxon Math Textbook is taught step-by-step on a digital whiteboard. Students see and hear everything the instructor is writing and saying on a whiteboard, using their computer. Students will also be encouraged to do practice sample questions that are similar to problems that will be featured in the lesson for that day.

Singapore Math

K-8

This series is recommended for those who want a solid, basic math program with a proven track record and an emphasis on concept development, mental strategies, and problem solving, and for those who want to be sure all the topics in the Common Core State Standards are covered. Students are given several approaches for solving problems and are encouraged to discuss their ideas and explore additional methods. Students should use both the textbooks and workbooks. The textbooks provide activities, learning tasks, and some practice, while the workbooks provide additional practice for consolidation or homework with room to work out the which provide the background information and concrete introduction to the topics along with additional activities.

Math Teachers Press/Moving with Math

K-6

Moving with math modules are part of a developmental program for teaching math from Kindergarten through Pre-algebra in four levels A, B, C, and D. This achievement oriented program emphasizes teaching by objectives, using manipulatives in an exploratory approach, an emphasis on problem solving and regular reviews to retain essential math skills. It is especially helpful for students who have “holes” in their math foundation and can “plug those holes” and return to a more traditional math program.

Phonics/Reading

Grade

Teach Your Child To Read in 100 Easy Lessons

K-1

A non-consumable phonics-based manual with teacher notes printed in red. It prepares students to read at first grade level, through lesson-by-lesson instructions. This program is easy to use and recommended by many homeschool parents.

Zoo Phonics

K-1

A playful, physical, whole body approach to phonics, reading and spelling. Lower case letters correspond to animal shapes, using a whole body signal. Animal names introduce letter sounds, followed by uppercase, sound blending with pictures, then short and long vowels. There are 26 animal friends that help children begin the reading process. ***Zoo-Phonics requires study and preparation in order to teach this curriculum.***

The Adventures of Ti and Mo

K

This is an exciting beginning reading program that is user-friendly and has been very successful in teaching reading to young children. There is a seminar that will help get you and your child started on a fun-filled adventure into the land of Ti & Mo. It uses storytelling, puppets, games, and worksheets to teach a strong foundation in sounds and the blending of words.

Bob Books**K-1**

These books are three sets of phonetic readers presented in sequence. There are 8-12 books in each set. They cover vowel sounds and blends. They are just right for small hands and just 8 pages long so your child can read the whole book. They work and kids love them!

Primary Phonics**K-2**

There are five basic workbooks each with 10 accompanying simple readers utilizing the same words. Excellent follow up after *Ti & Mo* or *Zoo-Phonics*. *Primary Phonics* also offers simple reading to build confidence.

MCP Plaid Phonics**K-4**

A very solid series of phonetic and word study skills, from letter recognition in the K level, to alphabetizing, syllabication, and dictionary skills in the upper levels. Built-in review of previously learned skills within books helps students master concepts. They contain pages in "standardized test format," so you get a little test preparation as a bonus. There is considerable overlap between levels, allowing you to "jump in" anywhere in the program.

Get Ready for the Code (A-C)**K**

There are 12 pages dedicated to every letter, and the instruction follows the same pattern each time. Children learn from the broadest information to the most specific — starting with identifying similarities and differences between symbols, to tracing the letter with their finger while articulating its sound, to playing verbal games with the letter's sound, to identifying words that start with that sound, to finally writing that letter and attaching it to appropriate pictures.

Explode the Code**K-2**

This is a great follow up after *Ti & Mo* or *Zoo-Phonics* to teach your child to use the sounds of letters in a carefully sequenced program. A variety of exercises proves experience recognizing and combining sounds in order to read words, phrases and sentences as well as building vocabulary.

Beyond the Code**2-3**

This four-book series helps students develop important comprehension and thinking skills at the earliest level. The books contain charmingly illustrated stories with exercises following the same phonetic structure as the *Explode The Code* series. Each story is preceded by writing and spelling activities that introduce new sight words and teach phonetic patterns, and followed by questions and exercises that help develop comprehension and critical thinking.

Reading

Grade

Pathways

K-3

Character-developing stories center around rural and farm life, and lack references to videos, computers and TV. The simplicity of the series makes it a joy to use. Accompanying workbooks and the Sounds Chart binder provide thorough phonics instruction, vocabulary and comprehension activities. The hardback texts include simple black and white illustrations. Early grade readers progress as sequels, with the same character reappearing.

Reading Street Scott Foresman/Pearson

1-6

This is a comprehensive Reading and Language Arts series for the 21st Century. Reading Street delivers classic and newer literature, scientifically research-based instruction. It combines reading, writing, spelling and grammar in one text. The architecture of Understanding by Design accelerates learners, especially English language learners, toward greater proficiency with a sustained Unit focus on concepts and language.

Pearson Literature

6-8

This challenging, state adopted curriculum contains six units with fiction, non-fiction, short stories, poetry, drama and American stories. Stories are reinforced with Critical Thinking and After You Read Questions. Included with this Literature text is the All-In-One Workbook which contains: writing and reading support, vocabulary builders, grammar workshops and daily standards and review worksheets. A packet with Selection Tests, Benchmark Tests and Answer Key is also included.

Classic Literature Studies

Novel Units

K - 8

These novel units each have a student and teacher segment to accompany them that takes the reader to a deeper level with the book to expand learning, while covering more than simply reading.

Grades 1-2 (Endearing Tales)

Danny the Dinosaur
Harold and the Purple Crayon
Little Bear
Lyle, Lyle, Crocodile
The Story of Ferdinand
Tikki Tikki Tembo
Bread and Jam for Frances

Grades 1-2 (Titles in Movies)

Cloudy With a Chance of Meatballs
The Polar Express
Where the Wild Things Are

Grades 1-2 (Humor)

Amelia Bedelia
Anansi the Spider
The One in the Middle is the Green Kangaroo
The Paper Bag Princess

Grades 1-2 (Fables & Folktales)

Anansi the Spider
The Legend of the Bluebonnet
One Fine Day
The Ugly Duckling

Grades 3-4 (Simple Lessons)

Miss Nelson is Missing
Miss Nelson is Back
Sylvester and the Magic Pebble

Grades 5-6 (Fantasy)

The Book of Three
The Borrowers
The Castle in the Attic
Jeremy Thatcher, Dragon Hatcher
The Magician's Nephew
The Phantom Tollbooth
Poppy

Grades 5-6 (Adventure & Survival)

Alice's Adventures in Wonderland
Through the Looking Glass
The Barn
Island of the Blue Dolphin
Sling Down the Moon
Slake's Limbo
The True Confessions of Charlotte Doyle
Weasel

Grades 5-6 (Titles in Movies)

Beezus and Ramona
Charlie and the Chocolate Factory
Freaky Friday
Jumanji
The Lion, the Witch and the Wardrobe
Matilda
Stuart Little
The Witches

Grades 7-8(ALA Reluctant Reader)

Flush
Freak the Mighty
Make Lemonade
Schooled

Grades 7-8 (Racism & Oppression)

Anne Frank: The Diary of a Young Girl
Bad Boy: A Memoir
Black Like Me
Farewell to Manzanar
Warriors Don't Cry

Spelling/Vocabulary

Grade

Wordly Wise 3000

1-8

Provides direct academic vocabulary instruction that develops the critical link between vocabulary and reading comprehension. Direct instruction of important, useful, or difficult words for each grade level helps students successfully comprehend content-area texts and improve test results.

In **Books K-1**, students are introduced to vocabulary through a carefully sequenced progression of activities that develop sophisticated oral vocabulary.

Books 2-12 incorporate the use of context clues, word study (Greek and Latin roots, prefixes and suffixes, and synonyms and antonyms), reading comprehension, and writing.

The words chosen for *Wordly Wise 3000*® were selected to expand critical grade-level vocabulary and improve reading comprehension. The words are mainly Tier 2 words—high-utility, academic vocabulary—with a healthy smattering of Tier 3 words—domain-specific academic vocabulary.

Spelling You See

K-5

Spelling You See has a unique approach based on what works. Placement is not based on grade but on the student's level of language development. Lessons are short, and the involvement of the parent or teacher is essential. Spelling You See is a spelling program that follows stages of language development and exhibits a linguistic understanding of how students learn to spell while providing meaningful context for learning spelling.

All About Spelling

K-1

Designed for effective teaching, the series progresses in a logical, sequential order. Through direct instruction, students learn exactly what they need to know in order to spell well. The program brings together three pathways for learning- auditory, visual, and kinesthetic. This multisensory approach, combined with a build in review system and reinforcement activities, ensures that students retain what they learn and understand how to apply it in practical situations.

Spelling Power

K-8+

Spelling Power teaches solid back-to-basic spelling skills using research-proven approaches and 21st century technology. Your students will use systematic, simultaneous, multi-sensory steps to master the 5,000 most frequently used and misspelled words. These words are divided into eleven levels of frequency, rather than traditional grade levels, to aid immediate improvement in daily writing. The included placement tests allows you to determine at which level each of your students should begin studying and then they progress through the remaining levels at their own pace. Each level has 47 possible groups based on phonetic principles and other spelling conventions. Spelling Power's systematic simultaneous, multi-sensory steps, hands-on skill building activities, and its six levels of built-in review guarantees students of all learning styles and abilities will master every word.

Megawords**4-8**

Megawords teaches the reading, spelling, and contextual use of multisyllabic words through multisensory instruction and a systematic progression of skills. Within each book, words are presented in lists arranged by word structure and spelling pattern. Because *Megawords* is skill based, it can be used in a variety of settings and across all RTI tiers depending on student need and grade level.

Vocabulary from Classical Roots**4-8**

Vocabulary from Classical Roots® features predominantly multisyllabic Greek- and Latin-based words for students mastering a growing content-area vocabulary in social studies, science, literature, and mathematics. Strategic instruction helps students learn to unlock the meanings of thousands of words. As students transition from learning to read to reading to learn, they will develop a useful, transferable technique to make sense out of unfamiliar words.

Writing/Composition**Grade****Building Writing Essentials****1-6**

This series helps meet core standards with this collection of quick and engaging reproducible practice pages that reinforce important writing skills. Students identify and write different types of sentences, distinguish between fact and opinion, sequence events in a story, check capitalization, spelling, and punctuation, learn to compose explanatory, opinion, and narrative writing. This series helps foster independent practice or homework.

Daily 6 Traits Writing**1-8**

Provide your students with frequent, focused skills practice with a Teacher's Edition to help guide you, the parent/teacher. This format gives you everything you need to help students master and retain basic writing skills while having some fun in the process without being an overwhelming task.

Daily Writing Prompts:**4-6**

Builds students' opinion, informative, and narrative writing skills with two writing prompts for each day of the school year and end-of-the-year prompts.

Sight Word Sentences**K-1**

Helps beginning readers master over 100 sight words using a hands-on approach to learning sight words featuring cut, paste & write activity pages.

Draw... Then Write**1-2**

Students follow picture and written directions to draw animals, people, and vehicles. The finished drawings provide motivation for creative writing.

Write Shop**2-5**

A resource for parents who lack confidence in their own ability to teach their students to write. It takes the guesswork out of the process. The program is presented in a single teacher's volume and two student volumes.

Paragraph Writing

2-4

Provides creative yet structured practice in writing narrative, descriptive, how-to, and compare/contrast paragraphs. Resources include: writing forms, graphic organizers, a trait-based writing guide, and more.

Grammar

Grade

Easy Grammar

2-8

This curriculum uses the prepositional approach combined with effective strategies. This helps students to understand grammar, a tool for speaking and writing properly. The book does a nice job of reviewing and is thorough in its teaching of grammar.

Daily Grams

2-6

While *Easy Grammar* provides a systematic presentation of concepts, *Daily Grams* provides you daily practice. They are each stand-alone programs, and *Daily Grams* can easily be used with other grammar programs or independently. Using them at the same time would be adding further practice to an already very complete course. However, in periods where the student is doing quite a bit of writing or if you want to follow a year of intensive grammar with a lighter year, *Daily Grams* are a good way to keep grammar skills sharp without bogging students down with too much English.

GUM: Grammar Usage and Mechanics

3-8

To meet today's language arts standards, students need to demonstrate command of grammar and usage in written and spoken English, as well as capitalization, punctuation, and spelling when writing. It's a tall order, but *Grammar, Usage, and Mechanics* contains all the instruction you need to teach these vital skills. This series features self-contained student and teacher editions full of key skills practice, high-interest topics, tests, and extra activities that are easy to teach and designed to be taught in any order. The materials are designed to provide high-impact, self-guided instruction with clear, concise lessons.

Steck-Vaughn Language Exercises:

1 - 7

Handwriting

Handwriting without Tears

K-3

Uses multisensory, developmentally appropriate strategies to increase success with early writing skills.

Write on Handwriting for Lefties

K-3

Teaches handwriting from the unique view of a left-handed writer.

D'Nealian Cursive

3-8

A practice book in the style of writing and teaching cursive derived from the Palmer Method and designed to ease the learning of handwriting.

My Penmanship Handbook

1 -3

A copy work practice book for printing featuring letter formation and trace and write sentences.

Assorted Cursive Practice Sheets

Science

Grade

Core Skills Science- Houghton Mifflin Harcourt

1-8

This series provides students with clear explanations of scientific concepts. Aligned with Next Generation Science Standards Disciplinary core ideas, Core Skills Science teachers students science basics for grades 1-8 through reading comprehension activities, vocabulary practice, and critical thinking activities. This series challenges students to not only understand what they have read, but it also teachers students to use models, to classify information, and to develop scientific inquiry skills.

Interactive Science

K-8

This series provides children with a student-centered approach to scientific discovery. Each hands-on activity presents a child with a challenging question that can be investigated and explored independently or with parent guidance. As part of the directed inquiry process, the child will answer this question by exploring the resources, following the outlined procedures of each activity, collecting data, and drawing conclusions. In some instances, parents might need to help children with certain parts of the activity. Following the directed inquiry, the child will be given an opportunity to expand and demonstrate scientific reasoning by modifying the investigation and designing his or her own experiments to illustrate the concept. Utilizing these activities will encourage the child to think like a scientist and encourage him or her to be inquisitive.

Focus on Science- Steck Vaughn

K-5

This series offers versatile supplemental science support with either a science curriculum or a unit study approach, summer science review, or as a base to go further by adding more reading from the library or additional science books. The workbooks combine short, readable science lessons with workbook-style activities, hands-on activities, and suggestions for taking the student's interest beyond the lesson. Each workbook covers the larger science areas in three units: Life Science, Earth Science, and Physical Science. Each unit is then broken down into chapters, each of which is made up of 6 lessons. The lessons consist of a short reading, tailored to grade level,

Wonders for Science- Steck Vaughn

4-8

This series is designed to be used in a manner that is flexible and helps meet the needs of your student. Lessons are complete on 1-2 pages which includes scientific vocabulary, assessments, page reviews at the end of each unit which helps prepare students for the unit tests, and a self directed, hands on activity at the end of each unit, providing students the opportunity to develop progress skills and reinforce concepts being taught in the unit.

Social Studies

Grade

Core Skills Social Studies- Houghton Mifflin Harcourt**1-6**

This series engages students with easy to understand passages that help students build a better understanding of the world around them. Interactive lessons encourage active participation with the text, including practice with maps, charts, and illustrations. Students are given opportunities to reflect on the text through higher level thinking questions. Core skills addresses areas of study such as history, geography, culture, economics, civics, and government throughout the United States.

Social Studies- Steck Vaughn**K-5**

This series helps students acquire skills, knowledge, and understanding they must have in order to function as concerned and involved members of society. Students help gain a concrete, understandable framework for learning the principles of democracy and citizenship. Each unit opener identifies the important concepts of the unit and sets the stage for reading by asking questions to spark student interest. A photograph welcomes students to each new unit. The unit closes with suggestions of ways students can complete and present their own projects.

Passwords/Curriculum Associates**5-8**

This series helps build and enrich students' social studies vocabulary. The program helps builds content literacy for social studies and prepares students for testing. The series offers topics that are specific to standards which includes :grade-appropriate content aligned with national and state standards, concepts supplementing the social studies basals, and Research-based strategies for teaching vocabulary to students on various reading levels.

Do California**3-4**

This series is divided into four sections. The first covers U.S. and California Geography, followed by California's Animal's, history, and Government. Each of the lessons requires to complete vocabulary cards, read about a California topic, and complete a comprehension activity that will expose them to various standardized test formats. In addition included are vocabulary quizzes, mapping, graphing, puzzles, research, writing, timelines, and following directions, are activities that will help students learn about California.

History of Stanislaus County**3**

This series offers a variety of topics pertaining to Stanislaus County such as The Indians, Spanish settling in Stanislaus, Early American Settlers and many more topics! Along with the study topics, are activities to help engage students in their learning.

California History for Kids**4**

California History for Kids includes a timeline of significant events, a list of historic sites to visit or explore online, and Web resources for further study. And to get a better idea of the scope of California history and the lives of its citizens, readers can: create a Chumash rock painting, play the Miwok Hoop-and-Pole game, bake and eat hardtack like a gold miner, design a cattle brand, decode a railroad cipher, immortalize their handprints in plaster, assemble an earthquake preparedness kit and many more hands on projects!

My World Pearson**4-5**

This study utilizes storytelling to bring Social Studies content to life. The interactive digital solution makes Social Studies personal for every student in a way that makes learning fun. With myWorld Social Studies, you can get to the heart of Social Studies in the time you have.

Ancient Civilizations**6**

Textbook approach to 6th grade World History.

Medieval Early Modern Times**7**

Textbook approach to 7th grade World history.

America**8**

Textbook approach to 8th grade U.S. History.

Call to Freedom**8**

Textbook approach to 8th grade U.S. History.

Our Living Constitution Then and Now**5-8**

A thorough study of the historical and literal facts about the Constitution, and a briefer look at modern applications. It covers the entire text of the Constitution, the Bill of Rights, and the remaining amendments, arranging them in two-column fashion with the original text on the left and a "translation" on the right. Interspersed at various points are explanations, activity pages, and research assignments.

Beginning Geography**K-2**

An introduction to geography skills. Based on the National Geography Standards, the 93 reproducible practice pages cover beginning map skills, landforms and bodies of water, and continents and oceans.

Unit Studies (covers multiple subjects, and multiple ages)**Five In a Row Volumes 1-3:****K-4**

This series includes fun children's stories that build a mini unit around each one. Each story is to be read aloud every day for one week. The series also includes activities for social studies, language arts, math, science, and art to build lessons derived from the story. Included are numerous hands-on activities and projects, that engage children to engage in discussions about the stories.

Beyond 5 in a Row Volumes 1-3**3-8**

These three volumes are a continued study of 5 in a Row. Four storybooks for each volume are the foundation for each unit study. For example, *Volume 1* includes *The Boxcar Children*, *Thomas Edison: Young Inventor*, *Homer Price*, and *Betsy Ross*:

Designer of Our Flag. Subject areas covered include literature, some language arts, history, composition, science, and fine arts.

Moving Beyond the Page

K-8

Moving Beyond the Page is a curriculum integrating science, social studies, and language arts for students from kindergarten through middle school. This curriculum uses research-based educational strategies to help children see connections between subjects using unit studies that can be especially beneficial for families juggling multiple grade levels and desire to simplify their teaching schedule by having multiple students studying the same curriculum. The curriculum is literature and project-based which encourages critical and creative thinking, provides challenging and engaging projects, and supports different learning styles. All children can benefit from this unique approach to education. This is especially true for hands-on, creative, and gifted learners, supporting different learning styles and multiple intelligences while covering state and national standards at each level.

ECS Primary Thematic Units

K-4

The Primary Thematic Unit Series was written with the philosophy that students learn best when they are actively involved with the material they are learning. The activities are carefully written to build upon students' prior knowledge and to extend learning by building bridges from one lesson to the next.

Units Available

Folktales
Fairy Tales
Love & Friendship
Maps & Globes

Animals
Bears Everywhere
Ugh! Bugs!
Oceans & Sea Life
Native Americans

Supplemental Materials

Math Manipulative Bins

K-5

To enhance your math curriculum, we have compiled a bin of favorite math manipulatives. The K-2 student will explore math concepts using a variety of materials. The Math Manipulative Bin will include teddy bear counters, dominoes, pattern blocks, Judy Clocks®, Unifix Cubes®, colored tiles, and other items to give your student the hands-on experience in math!

**We also offer for check out for all grades:

Library Books
Math Games
Math and Science Resource Books
Science Kits
Microscopes and Slides

***See our website at

<https://www.greatvalleyacademy.com/pages/GVA-Homeschool.html>

for website helps, recommendations for online curriculum and more.