

## Upstream Learning Curriculum Grades 4-5

<b>all subjects</b>	<p><b>Acellus Learning System (Power Homeschool)</b> is online self-paced video based lessons are available for K-12 students in all subject areas. Students have access for up to 6 courses for one yearly fee (2018 pricing is \$250). May be used to supplement other curriculum. Includes placement tests, automatic grading, and recordkeeping. Please include support teacher email when registering. <a href="https://www.powerhomeschool.org/program-overview/">https://www.powerhomeschool.org/program-overview/</a></p>
<b>all subjects</b>	<p><i><b>Calvert's</b> curriculum is comprehensive and includes all the parent needs to teach all subjects. The teacher guides are also comprehensive, and take the home teacher step by step through each subject for each day of the school year. The year is divided in 180 lessons; every 20 lessons the student completes a test packet. If enrolled with Advisory Teaching Services, the test packet is sent into Calvert for the advisory teacher to correct and comment on. The parent may choose to use keys to correct both daily and test packet work. Calvert is the Cadillac of traditional classic education. The easy-to-use online management tools offer some online classes and automatic grading for some work. The home teacher can do daily tracking of assignments and progress online and may choose from a variety of online supplementary material. Calvert is a great choice for a parent who has not homeschooled before, as everything is provided and well organized. However, since the curriculum is chosen and supplied by Calvert, there is not a lot of flexibility for the parent to individualize to the student. <a href="http://www.calvertschool.org/">www.calvertschool.org/</a></i></p>
<b>all subjects</b>	<p><b>K12</b> offers ore than 250 online homeschool courses for pre-kindergarten through high school that include textbooks and online content. Math, language arts, science, history, art, and music courses are available for K–8 and world languages like Spanish, French, German, and Latin for grades 3–12, plus Chinese for middle school and up and Japanese for high school</p> <p>For high School: A wide selection of honors and Advanced Placement® courses, numerous electives like Personal Finance, Health Science, Sports and Entertainment Marketing, Digital Photography, Web Design, SAT and ACT test prep courses. <a href="https://www.k12courses.com/getting-started/">https://www.k12courses.com/getting-started/</a></p>
<b>all subjects</b>	<p><b>Moving Beyond the Page (MBTP):</b> "How Children Want to Learn" is a unit study approach, primarily targeted for gifted children, but appropriate for all students. Each year's scope &amp; sequence targets a specific age range, rather than grade level and can be purchased as one large, comprehensive kit. The program includes emphasis on character development, ecological issues, experienced-based learning, as well as elements of several types of teaching philosophies (Waldorf, Montessori, classical, etc.). The parent needs to be highly involved in lesson preparation and teaching. The High School 1 (Gr. 9) curriculum is currently only Language Arts. MBTP is a comprehensive homeschool curriculum that covers science, social studies, and language arts. The curriculum is also now available in an online version. <a href="http://www.movingbeyondthepage.com">http://www.movingbeyondthepage.com</a></p>
<b>all subjects</b>	<p><b>Study Island</b> is a web-based program, providing practice, assessment, and reporting for students as they prepare for Standards Based spring testing. Students report that the academic content is both fun and engaging. The program is easy to use for both student and parent. Online test preparation and skill building is available for content in all subject areas for Grades K-10. <a href="http://www.studyisland.com">http://www.studyisland.com</a></p>
<b>all subjects</b>	<p><b>Time4Learning's</b> curriculum combines engaging technology with solid educational content to make learning fun! Students pay a monthly subscription to open access to their own learning plan. The program's automated system teaches lessons in a sequence designed to build skills. It grades the lessons, tracks progress and keeps reports for portfolio usage. Lessons are interactive, varied and Math and Language Arts lessons are now correlated to the Common Core. Grade levels for each subject can be set independent from one another. Students are able to access at least two grade levels of curriculum for each subject, so they can move ahead or review at their own pace. Online curriculum is available for Grades K-8 in Language Arts, Math, Social Studies and Science. High school students may choose 4 classes for a monthly fee. Monthly fee is reduced for multiple children in the same family. Purchase Orders are accepted, but the monthly fee is slightly higher. This is a great option for families who are traveling some during the school year, for summer review, and for supplementary activities to reinforce another curriculum. <a href="http://www.time4learning.com">www.time4learning.com</a></p>
<b>all subjects</b>	<p>"<b>BookShark</b> is a complete, literature-based, homeschool curriculum developed for Pre-K to Age 16 students. Our curriculum uses a variety of educational resources including literary fiction and nonfiction, biographies, illustrations and hands-on experiments to deliver an engaging and complete education that extends beyond textbook memorization. Our curriculum is easy for parents to teach....We provide 36-week, 4-day schedules designed to save one day a week for sports, field trips or other extracurricular activities. BookShark combines a proprietary History, Science and Language Arts offering with a wide range of math options...and more to ensure you have everything you need for an entire school year." <b>Sonlight</b> is the Christian curriculum version of Bookshark. State allotment funds may not be used to pay for instructor guides or Christian items included in the Sonlight curriculum. Full grade curriculums or individual subjects are available. <a href="https://www.bookshark.com/">https://www.bookshark.com/</a>, <a href="https://www.sonlight.com/">https://www.sonlight.com/</a></p>

all subjects	<p><b>Timberdoodle</b> offers "basic kits for those on a strict budget or combining more than one grade...Complete Kits for you who are looking for an all-in-one solution with a mix of hands-on exploration and workbooks....Elite Kits which include all the bells and whistles... We use a weekly checklist approach so that your child will easily know when he has completed all this week's work. The emphasis is on building critical thinking skills using a varied approach that stimulates the brain for all learning styles. <a href="https://timberdoodle.com/collections/curriculum-kits">https://timberdoodle.com/collections/curriculum-kits</a></p>
elective	<p><b>American Sign Language University</b> is an online American Sign Language curriculum resource center providing free self-study materials, lessons, and information, as well as fee-based instructor-guided courses. Many instructors use the ASLU lessons as a free "textbook" for their local ASL classes. Individuals who do not need documentation or instructor-based evaluation should not register nor pay tuition. Such individuals are welcome to self-study from the various publicly available Lifeprint.com lessons for free. Courses (ASL 1 and or ASL 2 - equivalent to "High School Year 1 or 2" Language) are open enrollment, open completion. Each course requires approximately 75 hours to complete and is designed to fit into a traditional 15-week semester-length study program but must be completed within 1 year. No in-person attendance is involved, but students are expected to complete a minimum of one lesson per week to be considered progressing. Upon three weeks of inactivity, students may be dropped from program. The curriculum for this program is online at <a href="http://www.lifeprint.com">www.lifeprint.com</a>. See the "lessons" section. Letter grades will be awarded based on test scores and completed assignments. Full documentation of participation and progress will be provided upon completion of the program. Students who need documentation of having participated in an ASL course will need to register, pay tuition, complete a proctored final examination as well as a video project (both at a level of 70% or better), and complete other online assignments in order to pass this program. 2018 cost per course is \$483. <a href="http://www.lifeprint.com/asl101/">http://www.lifeprint.com/asl101/</a></p>
elective	<p><b>Certified Horsemanship Association Curriculum</b> is available in 4 levels at Victory Camp and includes written tests and horsemanship skills tests. Spring and fall dates are typically available. Victory phone contact is (907) 745-4203 <a href="http://www.cha-ahse.org/">http://www.cha-ahse.org/</a></p>
elective	<p><b>La Clase Diverdita</b> - This enthusiastic presentation includes 4 DVDs of 15 lessons in a small class setting, a CD for practice, a brief teachers manual (which includes objectives and materials list for each lesson, as well as extra Spanish words and phrases used by the teacher), workbook, and craft materials for two students. This program is designed for families to use together; parents watch the lessons with their children to help them participate in the songs and activities. Parents also supervise the craft and cooking projects. Use one DVD lesson each week, or take the lessons at a slower pace. Watching the same lesson multiple times and using the CD at home or on car trips will give children the practice they need to be successful. Levels 1, 2, and 3. Foreign Language instruction for Grades K-6 on DVD - 3 levels. The website is colorful and a bit too busy. The course is well suited for use with multi-ages within the same family. While Rosetta Stone is superior for older students, La Clase Diverdita is more appealing to younger students. <a href="https://www.funclase.com/">https://www.funclase.com/</a></p>
elective	<p><b>Lego Engineering Curriculum</b> modules are fully-developed, classroom-tested instructional sequences that address specific STEM concepts through LEGO engineering and robotics activities. Each module consists of a cohesive set of class sessions, with each session building upon previous learning. For each module, parent is provided with lesson plans, teacher resource documents, student handouts, and assessment materials. Although each module was created for a particular age group, there are ways to adapt them for a different set of students.STEM concepts taught through Lego Engineering curriculum. Designed for Grades 3-8. The well-developed website includes activities, curriculum, podcasts, and building and programming ideas. Links to where to buy hardware and software are here: <a href="http://legoengineering.com/where-to-buy.html">http://legoengineering.com/where-to-buy.html</a></p>
elective	<p><b>The Presidential Youth Fitness Challenge</b> is a nationwide program using a Fitnessgram checklist to assess aerobic capacity, muscle strength, muscular endurance, flexibility, and body composition. Several test options are provided for most of those areas; one test item is recommended. Award certificates, medals, and patches are available for purchase online. <a href="http://www.humankinetics.com/products/all-products/Fitnessgram-Administration-Manual-5th-Edition-With-Web-Resource">http://www.humankinetics.com/products/all-products/Fitnessgram-Administration-Manual-5th-Edition-With-Web-Resource</a></p>
elective	<p><b>Rosetta Stone</b> is a respected language course on CD. They offer 25 language versions; each course is set up the same. Homeschool Version 3 and 4 with CD Roms have been phased out and only online courses with monthly subscriptions are now available. Online courses have progress reports that can be viewed and printed. You will be able to download your PDF files for reading and vocabulary, as well as your Audio Companion MP3 files and use these completely offline. You will also be able to download your lessons as flashcards and keep them for reviewing purposes. Your workbooks and phrasebooks are also yours to keep. There are different choices ranging from the "Full Year" program for students working towards high school credits down to "Speaking &amp; Listening Focus." Because of the flexibility of the Rosetta Stone programs, the same program can be used with learners from about third grade through adult levels. Rosetta Stone has on-line demos so you can get a good idea of what it looks like before you buy. <a href="http://www.rosettastone.com/">http://www.rosettastone.com/</a></p>
elective	<p><b>Healthy Futures</b> is a free statewide initiative "Empowering Alaska's Youth to Build the Habit of Daily Physical Activity". Monthly log sheets, prizes, and statewide activities are available. Talk to your support teacher to register through Upstream Learning.</p>
elective	<p><b>Financial Fitness for Life®(FFFL)</b> is a comprehensive personal finance curriculum for K-12 students that teaches students how to make thoughtful, well-informed decisions about important aspects of personal finance, such as earning income, spending, saving, borrowing, investing, and managing money. Materials are available in four grade levels: K-2, 3-5, 6-8 and 9-12 with a teacher guide and student guide that work in tandem. <a href="http://fffl.councilforeconed.org/">http://fffl.councilforeconed.org/</a></p>

<b>elective</b>	<b>Tech Trep Academy</b> offers 20 online project-based technology courses for students ages 8-18 including Minecraft Modding with Java, Programming Foundations, 3D Design and Animation, 3D Printing and Design, Sound and Audio Mixing, Google Ninja, Digital Media Editing and Graphic Design, Game Design and Development, LEGO Robotics, Web Development, Browser Game Programming – Javascript, Minecraft STEAM Foundations, LEGO Early Engineering, and Drone Videography. High school students complete suitable courses in 1 semestere to earn 0.5 credit. Younger students may take longer to complete some of the courses. <a href="https://www.techtrep.com/">https://www.techtrep.com/</a>
<b>elective</b>	<b>SQUILT</b> stands for Super Quiet Uninterrupted Listening Time. This online music appreciation yearly subscription "is a method to teach children to listen attentively and focus on the essential elements of music: Rhythm, Tempo, Dynamics, Instrumentation, and Mood." Included are 2 live SQUILT music appreciation lessons taught by Mary (recordings available if you are not able to attend). Lessons include printable listening maps, notebooking pages, and supplemental activities. Also included is a monthly listening calendar, access to the archives of all past live lessons, and weekly member email with teaching tips, event reminders, and more! No parent preparation required. <a href="https://www.squiltmusic.com/">https://www.squiltmusic.com/</a>
<b>elective</b>	<b>Healthy Futures</b> is a free statewide initiative "Empowering Alaska's Youth to Build the Habit of Daily Physical Activity". Monthly log sheets, prizes, and statewide activities are available. Talk to your support teacher to register through Upstream Learning. <a href="https://healthyfuturesak.org/">https://healthyfuturesak.org/</a>
<b>Language Arts</b>	The <b>Shurley English</b> Homeschool grammar and composition curriculum was specifically written for homeschool parents of students in Grades K-8 and is now available in Print or Digital Materials. Materials for each grade level are sold in a kit package that contains everything needed to teach one child for an entire school year. Each kit contains teacher's manual (including scripted lessons), student workbook and introductory CD. Levels 1-6 use workbooks rather than traditional textbooks for children to practice and test knowledge and skills. Children memorize jingles to learn some grammar basics. They learn to attack sentences by asking exact questions to determine subject, verb, direct object, etc. Workbooks carefully present sentences with particular elements, adding questions to the "question and answer flow" as sentences become more complex. The combination of visual, verbal, and written activity helps children with different learning styles. Once children have mastered enough grammar, they begin writing, constructing sentences according to "formulas"—(e.g., article, adjective, subject noun, verb, adverb). From there they go on to paragraph construction and longer compositions. Shurley English is now correlated to the Common Core State Standards. <a href="https://www.shurley.com/hs/">https://www.shurley.com/hs/</a>
<b>Language Arts</b>	<b>All About Reading and All About Spelling</b> programs for grade K-6 are complete, comprehensive, research-based, and based on the Orton-Gillingham approach. The programs include hands-on multisensory techniques and mastery-based lessons. All About Spelling is a seven-level program and All About Reading consists of eight levels and begins with Level Pre-1. AALP sells other supplementary reading and spelling materials. <a href="http://www.allaboutlearningpress.com/">http://www.allaboutlearningpress.com/</a>
<b>Language Arts</b>	<b>English From the Roots Up</b> teaches vocabulary roots from both Latin and Greek. It requires teacher-guided preparation and instruction. Each lesson takes one Greek (green words) or Latin (red words) root and teaches several English words derived from that root. Students can use pre-made cards or create their own index cards and keep in a recipe box. There are now Volumes 1 and 2, each containing 100 words. Vocabulary program using single instructor book; students can purchase vocab cards or make their own. There is nothing techie about this program. It's old-fashioned, effective, and fun, if the parent enjoys this approach. Teacher prep is minimal, and many ages can participate together. There is no actual website. <a href="https://cathyduffyreviews.com/homeschool-reviews-core-curricula/spelling-and-vocabulary/vocabulary-resources/english-from-the-roots-up">https://cathyduffyreviews.com/homeschool-reviews-core-curricula/spelling-and-vocabulary/vocabulary-resources/english-from-the-roots-up</a>
<b>Language Arts</b>	<b>Easy Grammar</b> texts are large and contain a lot of repetition, practice, and review. Lessons needs to be taught initially, but student can work on Daily Grams independently. Besides teaching parts of speech, beginning with prepositions, Easy Grammar lessons teach sentence structure, alphabetizing, punctuation, capitalization, letter writing, and more. Daily Grams are an easy-to-use, one page per day review text. First published in 1985, this approach is still popular as a program written for homeschool students. Teaching texts (Easy Grammar) and review texts (Daily Grams) teach grammar usage to grades 2-12. <a href="https://www.easygrammar.com/store/c1/Featured_Products.html">https://www.easygrammar.com/store/c1/Featured_Products.html</a>
<b>Language Arts</b>	<b>Essentials in Writing</b> is a video-based writing curriculum that features a teacher handbook and student textbook/workbook combination with video instruction from teacher, Matthew Stephens presented on DVD. <a href="https://essentialsinwriting.com/">https://essentialsinwriting.com/</a>
<b>Language Arts</b>	<b>Institute for Excellence in Writing (IEW)</b> includes comprehensive curriculum for teaching listening, speaking, reading and writing. Their stated goal is to equip teachers with methods and materials to aid them in training students to become confident and competent communicators. The heart of the program is the DVD curriculum, 'Teaching Writing: Structure and Style', a 9-unit video seminar for teacher and student. 'Student Writing Intensive' is a DVD seminar aimed at the student; both are taught by Andrew Pudewa, the IEW founder. Language Arts materials for K-12 require parent teaching and grading. This is a solid curriculum-provider with books, DVD's, articles, workshops, and a plethora of useful resources for homeschool teachers. <a href="http://www.excellenceinwriting.com/">http://www.excellenceinwriting.com/</a>
<b>Language Arts</b>	<b>Learning Language Arts Through Literature</b> uses real books to teach phonics, reading, spelling, grammar, vocabulary, handwriting and higher order thinking skills. All levels written for 36-week school year. Gr. 1-9 include Teacher's Book, requiring little or no prep time. Student Activity Books available for Gr. 1-8. All levels include review

	<p>activities, assessments, placement tests and scope and sequence. Packages are sold including Teacher book, student book, and literature books for each level. This program has been around for several decades and is based upon Dr. Ruth Beechick's ideas about how to best teach young children, similar to Charlotte Mason's approach. Wordsmith is a recommended writing companion for grades 4+. <a href="https://www.common sensepress.com/">https://www.common sensepress.com/</a></p>
<b>Language Arts</b>	<p><b>Lightning Literature &amp; Composition/Hewitt</b> guides use full-length novels, autobiographies, plays, essays, short stories, and poems to teach deep reading and composition skills. Lightning Literature guides focus on a few classics in depth, in a systematic manner. Courses include Elementary grades (in process), 7th and 8th Grade Lit, and high school courses: American, British, British Medieval, Shakespeare, World Literature and Speech. Each packet includes student guide, a student workbook, and a teacher guide, and the novels/stories studied can be purchased separately or part of a course kit. Teacher Guide provides comprehension questions (and answers) for the reading, instructions for weekly compositions, and suggestions for further activities. The four-color Student Workbook is consumable and covers grammar and mechanics (including an introduction to diagramming sentences) and some literary topics. Teacher guides include a syllabus to use the course for either one or two semesters. Home teacher conducts the assessments and recommends the grade. <a href="https://www.hewitthomeschooling.com/Materials/mLightningLit.aspx">https://www.hewitthomeschooling.com/Materials/mLightningLit.aspx</a></p>
<b>Language Arts</b>	<p>The core item from <b>Center for Lit is 'Teaching the Classics'</b> is a DVD seminar for parents and older students, teaching the Socratic method of analyzing literature. Once learned, the method can be used in teaching any well-written novel for any age student. The seminar includes four DVDs plus the 97-page course syllabus, which includes full texts of all stories used in the seminar, the complete Socratic list, annotated reading lists for students of all ages, reproducible charts for classroom use, scope and sequence models, daily lesson plans and more. Other curriculum materials include: classic literature on DVD using the Socratic method, a comprehensive Scope &amp; Sequence manual containing annotated reading lists for grades K-12, Teacher Guides for 12 classic books, and a live, semester-long, online class for literature enthusiasts. The materials from Center for Lit are traditional classics. Lessons are engaging, delightful, and very well written. Adam and Missy Andrews are a homeschooling teaching couple. Their calling is to serve the home schooling community, and they're constantly on the lookout for ways to make high quality education accessible to committed parents and teachers. <a href="http://centerforlit.com/">http://centerforlit.com/</a></p>
<b>Language Arts</b>	<p>Books for the <b>Well Trained Mind</b> is a language arts curriculum: teach reading with the scripted Ordinary Parent's Guide (Gr. K-2), grammar with First Language Lessons (Gr. 1-4), and writing with Writing With Ease (Gr. 1-4) and Writing With Skill (Gr. 5-8). The curriculum may be used in its entirety, or elements may be used separately. The trademark approach of Books for a Well Trained Mind are academic rigor, combined with ease of use and a gentle, age-appropriate approach. Language and Writing series includes a scripted parent's guide and student workbooks. First Language Lessons uses copywork, narration, picture study and other classical techniques to develop the student's language ability. In the Complete Writer series, Susan Wise Bauer lays out a carefully-designed sequence of steps, combining the best elements of old-fashioned writing instruction with innovative new educational methods. Designed for elementary-aged writers and for older students who still struggle, Writing With Ease builds a sturdy foundation of basis skills for Gr. 1-4 all in the same book. Writing With Skill gives the student training in organization, composition structure, and research methods. Diagnostics tests help the parent to determine where the child needs to start and which workbook the child will need. This curriculum is very comprehensive and uses the 'classical' approach of education (i.e. The early years of school are spent in absorbing facts, systematically laying the foundations for advanced study. In the middle grades, students learn to think through arguments. In the high school years, they learn to express themselves. This classical pattern is called the trivium. <a href="http://www.welltrainedmind.com/store/language-arts.html">http://www.welltrainedmind.com/store/language-arts.html</a> Live online courses are available at <a href="https://www.wtmacademy.com/courses/">https://www.wtmacademy.com/courses/</a></p>
<b>Language Arts</b>	<p><b>iReady</b> by Curriculum Associates) was built for the Common Core and meets the evidence criteria for ESSA Level 3. It is designed for classroom use to prepare students for standardized state testing and is used in CRSD classrooms. This curriculum is not designed for home school by we can purchase reading and writing textbooks and teachers guides for home use. Other teacher resources are not available to home teachers. i-Ready's adaptive online Diagnostic pinpoints students' needs down to the sub-skill level and access can be purchased through the UL Support Teacher.</p>
<b>Language Arts</b>	<p><b>Explode the Code</b> is a series of 14 phonics workbooks that can be used as a stand-alone or a supplement to another basic phonics program. It is an Orton-Gillingham-based, multisensory approach with direct, systematic phonics. Materials include student workbooks and teacher guides. Phonics workbooks or online for instruction for iPad/tablet is available for grades K-4. <a href="https://www.explodethecode.com/">https://www.explodethecode.com/</a></p>
<b>Language Arts</b>	<p><b>Mosdos Press Literature Series</b> - These beautiful hardback volumes are non-graded and are entitled: Opal, Ruby, Coral, Pearl, Jade and Gold. Mosdos Press presents world-class literature for middle school and high school: classic and contemporary works that are broadly representative, intellectually challenging, and morally framed. The curriculum is rigorous and engaging, and thoughtfully explores family values and ethics. Mosdos Press is dedicated to excellence in the teaching of literature, writing, vocabulary, and language arts. The series is secular, but appeals to homeschooling families who seek literature with moral value. Each volume includes Teacher Edition, Student text and workbook. This is an exquisite, quality series! Although the textbooks are directed to 3rd-8th grade students, they could easily be used in a high school setting as well. <a href="https://mosdospress.com/homeschooling/">https://mosdospress.com/homeschooling/</a></p>
<b>Language Arts</b>	<p><b>Phonetics Zoo (Excellence in Spelling)</b> - Phonetic Zoo is a teacher-guided, phonetically based, audio spelling program. Students take a placement test, then independently take spelling tests until mastery of each list is achieved. Each kit includes phonetic cards, audio CD, and teacher notes (no workbooks). Audio-based spelling instruction for ages 9 to high school in three levels. Audio portion of the program can be downloaded. <a href="http://jew.com/pz">http://jew.com/pz</a></p>
<b>Language Arts</b>	<p><b>Logic of English</b> curriculum is designed to teach reading, writing, spelling, phonics and grammar to all ages in logical, systematic and approachable way. Easy-to-follow materials enable home teacher to learn alongside students.</p>

	<p>Supplement materials include books, games and apps. Complete Language Arts for ages 4-7 and spelling, reading and grammar for ages 8+. Four levels: Levels A/B and C/D. Built upon Spalding's Writing Road to Reading program; Foundations (ages 4-7) Levels A-D; Essentials course for ages 7 and up. Foundations is not a pre-requisite. <a href="https://www.logicofenglish.com">https://www.logicofenglish.com</a></p>
<b>Science</b>	<p><b>Exploration Education</b> is written primarily for homeschoolers and offers a project and experiment-based approach for learning physical science. The proportion of hands-on activity vs. textbook-based is much higher than in most science courses. Lessons are presented on CD or downloaded from the Internet. Presently there are three kits available for K-3, 4-6 and 7-10; each comprises a year-long course. Each kit contains logbook, teacher's manual, and most of the materials necessary for the course. Students can complete much of the work independently, particularly in the two higher levels. Although highly hands-on, the course includes quizzes and exams. <a href="http://www.explorationeducation.com/">http://www.explorationeducation.com/</a></p>
<b>Language Arts</b>	<p><b>Lux Writing Center</b> - Individualized, hand-tailored feedback, lessons, guidance, direction on writing projects and assignments chosen or designed by the family. Student submits short assignments Monday through Friday, and instructor responds within 24 hours, five days per week. Writing projects are therefore constructed one step at a time, over a few days or even weeks, if the project is large. Instruction can be purchased for one month or up to three months. Mr. Lux also offers a structured Introduction to Grammar course. Individualized writing instruction, conducted via email. 1 month, \$75; 2 months, \$150; 3 months, \$210 (2018 pricing). Mr. Lux worked as a writing guide for WriteGuide.com for many years. When that program dissolved, Mr. Lux picked up the method and created Lux Writing Center. Students must be able to type; Google Docs or Word documents are used. <a href="https://luxwritingcenter.com">https://luxwritingcenter.com</a></p>
<b>Language Arts</b>	<p><b>Sequential Spelling</b> for K-12 students - The publisher, AVKO (audio, visual, kinesthetic, oral) is a non-profit, 501(C)3 organization that focuses on the development and production of materials and techniques to teach reading and spelling, handwriting (manuscript and cursive), and keyboarding. Sequential Spelling is designed for parents to help their children/students who are not succeeding with the standard themed list approach. Book-based course includes a teacher's Guide and student book. Sequential Spelling Online includes identical content plus the Grammar Module with a weekly structured grammar lesson on all the most important elements of basic grammar. Qualities of SS, as taken from their website: 1. The child doesn't study anything (he remembers the patterns used to spell the words—even after the test). 2. Tests the child on patterns of the English language. 3. The child corrects his own paper as he is taking the test immediately. 4. The rules of the English language are embedded in the program, without lengthy explanations. 5. The emphasis is on learning the patterns of spelling for mastery of the language. 6. The emphasis is on the meanings of the words (root words, suffixes). 7. The sequencing of the words is based on research and the building of English words from the root word to expanded forms. 8. The child builds confidence when he can spell words he has never seen before without studying. This is a unique program, originally developed for students with dyslexia or other processing difficulties. AVKO sells many helpful resources at affordable prices. <a href="https://www.sequentialspelling.com/static/products.php">https://www.sequentialspelling.com/static/products.php</a></p>
<b>Language Arts</b>	<p><b>Spelling Power</b> is a single volume instruction manual, used by the home teacher, to teach all lessons for learning 5000 most commonly used words. Students complete work on word lists, compiled in a binder. Parent resources include Quick Start DVD to learn how to conduct a lesson and Teacher's Resource CD. Diagnostic test places student at proper beginning point, but weekly lessons are individualized by the parent/student. A 10-step study process is used for each new spelling word. "Written by a home educator for home educators." Comprehensive spelling skills taught to students ages 8 to college level. No computer needed. One manual covers entire program, so the price is economical. Parent needs to interact daily for 5-minutes of direct teaching. <a href="http://www.spellingpower.com/default.aspx">http://www.spellingpower.com/default.aspx</a></p>
<b>Language Arts</b>	<p><b>Five In a Row</b> - These literature-based unit study curriculum guides cover social studies and character, language arts, math, science, and art. Use as a stand-alone curriculum for preschool or supplement with phonics and math for older children. Curriculum is so named because you spend five days in a row (a full week; one day for each subject area) reading and expanding upon a particular classic children's book as the theme. Many are Newberry and Caldecott winners. Volumes are entitled: Before Five In a Row (ages 2-4), Five In a Row (ages 5-8), Beyond Five In a Row (ages 8-12). Above and Beyond Five In a Row is a Digital Curriculum Unit for ages 8-12. Program is often referred to as FIAR. <a href="https://fiveinarow.com/new/">https://fiveinarow.com/new/</a></p>
<b>Language Arts</b>	<p><b>Time4Writing</b> provides online writing courses for grades 3-12 in mechanics, paragraph and essay for elementary, middle and high school students. For eight weeks, students study a new topic each week through interactive exercises, lessons, reading, and written assignments. Students log in and work through the lessons and writing assignments at their own pace. Their certified, personal writing teacher, acting as an online writing tutor, reviews each assignment and provides personalized feedback the day after it is submitted. The student may begin an 8-week class at any time, year round. Time4Writing and Time4Learning are the same company. <a href="http://www.time4writing.com">www.time4writing.com</a></p>
<b>Social Studies</b>	<p><b>"The Story of the World</b> is an award-winning resource for families looking for a world history curriculum they can fall in love with. Told in the straightforward, engaging style that has become Susan Wise Bauer's trademark, this four-volume set covers the sweep of human history from ancient times until the present. Africa, China, Europe, the Americas — find out what happened all around the world in long-ago times. This read-aloud series is designed for parents and teachers to share with elementary school children. Enjoy it together and introduce your child to the marvelous story of the the world's civilizations." Vol. 1 - Ancient Times, Vol. 2 - Middle Ages, Vol. 3 - Early Modern Times, Vol. 4 - The Modern Age. Each volume kit includes text, activity book for multi-ages, test booklet and audio version. This is not a typical history textbook - it reads like a story, and engages even young children. The audio version is independently recorded by storyteller, Jim Weiss. <a href="http://www.welltrainedmind.com/store/history-and-geography/story-of-the-world.html">http://www.welltrainedmind.com/store/history-and-geography/story-of-the-world.html</a></p>

<b>Language Arts</b>	<b>McRuffy Phonics</b> includes a scripted teacher's manual, consumable color workbooks through grade 5, McRuffy readers for each grade level, and a resource pack for grades K and 1 which includes masters, games, and other materials. Grades 2 and up include test and assessment pack. Materials are available to be purchased as a grade-level set, or as individual items. There are two student workbooks: Language/Reading and Spelling/Phonics. The Teacher's Manual features 175 daily lesson plans for phonics and reading with light scripting to make concepts easy to teach with little advanced preparation. McRuffy integrates phonics, reading, spelling, handwriting and language into one program. Curriculum can be purchased as a complete kit for each grade, or as separate items. <a href="http://www.mcruffy.com/1st-grade-phonics.htm">http://www.mcruffy.com/1st-grade-phonics.htm</a>
<b>Language Arts</b>	<b>Wordsmith</b> (Common Sense Press) provides "easy, step-by-step instructions to improve writing skills. The series provides a brief review of grammar followed by instruction on building stronger sentences, exercises in writing descriptive, narrative, persuasive, and expository essays, creating dialogue, story writing, notetaking, and more. Plus, students build the essential skills of every good writer: practice in proofreading and revising." 3 books for fourth grade skills and up are the perfect companion to Learning Language Arts Through Literature.
<b>Math</b>	<b>ALEKS</b> (Assessment and Learning in Knowledge Spaces) is a web-based, artificially intelligent assessment and learning system. Online math courses for Grades 3-12 also include Business Math and some remedial courses. Courses are complete in topic coverage at each grade level and students work at their own pace, with periodic online assessments. Multiple-choice questions are avoided. Teaching is assigned through the program, one topic at a time, and parents can track student progress. Each course is customized to each student, based on initial student assessment. Website includes tour demos and a list of integrated textbooks that can be used with ALEKS. Extra practice worksheets can be generated and printed. Subscriptions can be purchased through UL for \$45/year. <a href="https://www.aleks.com/homeschool">https://www.aleks.com/homeschool</a>
<b>Math</b>	<b>Beast Academy</b> is math curriculum for Grades 3, 4, 5. Each grade includes four pairs of books, A-D; Guide book is written in comic-book style and Practice book includes exercises, problems, puzzles, and games to reinforce lesson concepts. Beast Academy covers core concepts, but goes deeper to present a more challenging level than a typical math curriculum. Math program for Gr. 3-5, with other grades in publication process. Year-long book sets, A-D, are \$27 per set (2018). Free downloadable pre-assessments. Math Guide books are not consumable, but Practice books are. No cumulative review or assessments. Art of Problem Solving is the high school level. <a href="https://artofproblemsolving.com/store/list/beast-academy">https://artofproblemsolving.com/store/list/beast-academy</a>
<b>Math</b>	<b>Chalk Dust Math</b> courses for Grade 3 through high school Calculus 1 include DVD lessons (from 7-18 lessons, depending on the complexity of the course), textbook, and solutions guide. Instructor Dana Mosely follows the textbook lessons in order of presentation and expands upon the textbook lesson. He works out sample problems on a chalkboard. Instruction is traditional and thorough. Course outlines, reviews, and demos are available at <a href="http://www.chalkdust.com/courseindex.html">http://www.chalkdust.com/courseindex.html</a>
<b>Math</b>	<b>Critical Thinking Company</b> produces engaging books and software in several formats (paperback, apps, computer downloads, book bundles, etc.), emphasizing Critical Thinking skills, that support core subject areas for PreK-12 students. Teaching and integrating critical thinking skills is the primary goal. The website is thorough and easily navigated. Many of their books come in stand-alone series (Mathematical Reasoning, Building Thinkiing Skills, Critical Thinking Detective, Editor in Chief, and many more). Books are paperback and reasonably priced. Parents can play or download free demos in the Free Online Playroom. They have recently published several critical thinking books in Spanish. <a href="https://www.criticalthinking.com/">https://www.criticalthinking.com/</a>
<b>Math</b>	<b>Horizon Math</b> - Composed of manipulatives, memorization and drill, Horizons Math concepts, from addition and subtraction to graphs and estimation, follow a deliberate pattern of introduction and gradual development to ensure student success. Horizons uses a spiral approach with continuous review and incremental teaching of new material--each lesson addresses a number of topics rather than focusing on a single topic. Quarterly tests and a final plus answer keys are in the teacher handbooks except for level K. Student books have a test after every ten lessons. Teacher handbooks are very well designed and easy to use. They were designed with homeschoolers in mind so they rarely have activities geared toward larger groups. The publisher, Alpha Omega, is Christian in nature, but the math curriculum does not contain "sectarian" teaching. <a href="http://www.sonlight.com/horizons-math.html">http://www.sonlight.com/horizons-math.html</a>
<b>Math</b>	<b>iReady</b> by Curriculum Associates) was built for the Common Core and meets the evidence criteria for ESSA Level 3. It is designed for classroom use to prepare students for standardized state testing and is used in CRSD classrooms. This curriculum is not designed for home school by we can purchase textbooks and teachers guides for home use. Other teacher resources are not available to home teachers. i-Ready's adaptive online Diagnostic pinpoints students' needs down to the sub-skill level and access can be purchased through the UL Support Teacher.
<b>Math</b>	<b>Life of Fred Mathematics</b> - No other textbooks are like these. Each text is written in the style of a novel with a humorous story line. Each section tells part of the life of Fred Gauss and how, in the course of his life, he encounters the need for math and then learns the methods. Textbooks are hardcover. Written by Dr. Stanley Schmidt with the intent to make math come alive with lots of humour, clear explanations, and silly illustrations that stick in the mind, with a goal of students learning to think mathematically. There are 10 elementary-level books, 4 Pre-Algebra and 9 high school books: Beginning and Advanced Algebra, Geometry and Trigonometry. Life of Fred is a unique approach, and perfect for creative students who learn in non-typical ways. Books are sold as sets; sample pages from each level: <a href="http://www.stanleyschmidt.com/FredGauss/31samplepages.html">http://www.stanleyschmidt.com/FredGauss/31samplepages.html</a> <a href="http://lifeoffredmath.com/">http://lifeoffredmath.com/</a>
<b>Math</b>	<b>Math Essentials</b> is a basic math program, developed by a retired middle school math teacher, Rick Fisher. Courses include Mastering Essential Math Skills, Pre-Algebra Concepts, No-Nonsense Algebra, and several topics (Whole Numbers/Integers, Fractions, Decimals/Percents, Geometry, Problem Solving). Method is very traditional, easy-to-follow, with "no fluff". Courses can be purchased as worktexts or DVD format. Online video lessons are included in the book

	<p>price. Answer keys are provided in the back of each text, with no additional parent resources. Basic math courses for upper elementary through high school Algebra 1. Workbooks or DVD format with online video support. Books are \$18-\$30 and DVD sets are \$26. Cost is low; books can be bought in bundles. Online video lessons are included in the book price. <a href="https://www.mathessentials.net/">https://www.mathessentials.net/</a></p>
<b>Math</b>	<p><b>Math Mammoth</b> provides complete math curriculum for K-8 and is a high quality product that can function as a traditional program while also using Internet teaching videos and the computer to enhance the course. It uses mastery philosophy with some spiraling in certain topics. Can purchase as texts, CD or download. Tests, cumulative reviews, and answer keys are all included in the download or on the CD. The Math Mammoth web site offers free placement tests, free worksheets, and other parent and student helps. Parent should assist student in tackling new concepts and will need to be more involved with younger students than older. Once students have grasped concepts, they should be able to work independently. Takes some parent work to figure out initially. Many free worksheets and supports available online; active blog by Maria and a YouTube channel of teaching videos, plus a free 7-day virtual email tour. <a href="https://www.mathmammoth.com/">https://www.mathmammoth.com/</a></p>
<b>Math</b>	<p><b>Math on the Level</b> is a complete K-8 homeschool math curriculum. This curriculum covers all concepts from pre-K through pre-algebra, using four topical volumes: Operations, Geometry/Measurement, Money/Decimals, Fractions, and three resource volumes: Math Adventures, Math Resources and Record-Keeping. The curriculum is designed to let the home teacher change the sequence and approach to meet student needs. This allows the teacher to match the pace of instruction to the child's readiness to learn. The Math on the Level 5-A-Day review provides review over time of all math concepts at a pace that adjusts to each child's need, which increases motivation and long-term retention. The teaching guides are full of practical teaching ideas that encourages teaching math through real-life activities that help children truly comprehend math. This program works well for families with multi-age students learning together. It involves careful home teacher planning and monitoring. <a href="http://www.mathonthelevel.com/">http://www.mathonthelevel.com/</a></p>
<b>Math</b>	<p><b>Math·U·See</b> provides a firm foundation in mathematics for students of all aptitudes. The mastery-based approach allows students to move at their own pace whether they are naturally gifted in mathematics, struggle with mathematical concepts, or have special needs. Concepts are taught on DVD, and workbooks are used for practice and review. The books are not assigned grade levels, so it is easy for students to work at their own pace or interest level (Primer, Alpha, Beta, Gamma, Delta, Epsilon, Zeta and Pre-Algebra through Calculus). Teachers are provided with the tools, skills, and training needed to present an explicit, structured, systematic, and cumulative program using multi-sensory teaching techniques. Math·U·See was written by Steve Demme, a homeschool dad and former math teacher, for the homeschool community. Therefore, Math·U·See is designed with the homeschool "tutor" environment in mind. <a href="http://www.mathusee.com/">http://www.mathusee.com/</a></p>
<b>Math</b>	<p><b>Math-Whizz</b> Online Math Tutor is "the online alternative to a private tutor" for grades K-8. The program provides online student assessment, then individualized learning activities in Addition/Subtraction, Multiplication/Division, Fractions, Geometry, and Word Problems; over 1200 lessons available, with parent reports provided. The overall goal is to raise achievement in math for students at all ability levels. School subscription pricing is available through the support teacher at Upstream Learning. There is a school division and a parent division. Free trial membership. <a href="https://www.whizz.com/en-us/parents/about-math-whizz/">https://www.whizz.com/en-us/parents/about-math-whizz/</a></p>
<b>Math</b>	<p><b>McRuffy Color Math</b> is a math program for Grades K-5. It includes a scripted teacher's manual, consumable color workbooks, Response book, Math Manipulative Kit, and a resource pack which includes card sets, games, and other materials. Materials are available to be purchased as a grade-level set, or as individual items. The Teacher's Manual features 175 daily lesson plans with light scripting to make concepts easy to teach with little advanced preparation. Curriculum can be purchased as a complete kit for each grade, or as separate items. <a href="https://mcruffy.com/collections/first-grade-color-math">https://mcruffy.com/collections/first-grade-color-math</a></p>
<b>Math</b>	<p><b>Perceptions: Changing the Way You Perceive Math</b> - 16-week intensive program with instruction manual, workbook and video support for students struggling with Math. Green level is Gr. 1-3: basic addition, subtraction facts; Blue level is Gr. 5 and up: multiplication, division, fractions. Although this program seems directed to building-based classrooms, lesson by lesson videos support home teachers. Downloadable flash cards and games. <a href="https://teach4mastery.com/">https://teach4mastery.com/</a></p>
<b>Math</b>	<p><b>Right Start Math</b> - This hands-on program de-emphasizes counting, uses visualization of quantities, and provides strategies (visual pictures) for learning the facts. Understanding and problem solving are emphasized throughout the curriculum. The primary learning tool is the AL Abacus, a specially designed two-sided abacus that is both kinesthetic and visual. The AL Abacus is grouped in fives and tens for quick recognition of quantities. Children develop visual strategies as they use this manipulative. The back side of the AL Abacus teaches place value to the thousands. Practice is provided with math card games, minimizing review worksheets and eliminating stressful flash cards. These games provide interesting and varied repetition that is needed for the automatic responses to the facts. These games also provide an application for new information and create fun learning math facts and concepts. The RightStart™ Mathematics homeschool program is set up with levels A-G, rather than grades, so that the student can begin at the proper level and advance at his/her own pace. Right Start is a Montessori-influenced math curriculum. <a href="http://rightstartmath.com/">http://rightstartmath.com/</a></p>
<b>Math</b>	<p><b>Saxon Math's</b> K-3 program is designed to teach basic arithmetic concepts as well as geometry, patterns, time, and more. Each lesson is scripted for the parent. A manipulatives kit is comprehensive (purchase separately). Worksheets provide cumulative review. Saxon Math for middle grades transitions students from manipulatives and worksheets to a textbook approach. The emphasis in the middle grades is on developing algebraic reasoning as well as geometric</p>

	<p>concepts. Lessons include a new concept plus a review of previous concepts. A Solutions Manual gives step-by-step solutions for all problems in the book. Saxon's high school texts prepare students for college and beyond. Like the middle grades, the upper grades program offers a textbook, tests, and a Solutions Manual. Homeschool kits are available for Algebra 1, Algebra 2, Geometry, Advanced Math, and Calculus. Saxon Math Teacher CDs can be purchased for Math 5/4 through Advanced Math. A Saxon teacher using a whiteboard teaches each lesson on the DVD. A detailed review is available at <a href="https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math/grades-k-6/saxon-math-teacher-computer-cds">https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math/grades-k-6/saxon-math-teacher-computer-cds</a>. DIVE into Math also provides video instruction for Saxon Math 5/4 through Advanced Math. A detailed review is available at <a href="https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-supplements/4th-grade/dive-into-math">https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-supplements/4th-grade/dive-into-math</a>. A detailed review is available at <a href="https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math/grades-k-6/saxon-math-teacher-computer-cds">https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math/grades-k-6/saxon-math-teacher-computer-cds</a>. DIVE into Math also provides video instruction for Saxon Math 5/4 through Advanced Math. A detailed review is available at <a href="https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-supplements/4th-grade/dive-into-math">https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-supplements/4th-grade/dive-into-math</a>.</p> <p><a href="http://saxonhomeschool.hmhco.com/en/products/default.htm?level2Code=M0006&amp;st_id=8675309">http://saxonhomeschool.hmhco.com/en/products/default.htm?level2Code=M0006&amp;st_id=8675309</a>  <a href="http://saxonhomeschool.hmhco.com/en/products/default.htm?level2Code=M0006&amp;st_id=8675309">http://saxonhomeschool.hmhco.com/en/products/default.htm?level2Code=M0006&amp;st_id=8675309</a></p>
<b>Math</b>	<p><b>Singapore Math</b> - One year's worth of work in the Singapore Primary Math programs (1 through 6) consists of two sets of paperback workbooks and textbooks. The textbooks are printed in full color and provide the introductory material. Many parents prefer to use them as non-consumable texts. The consumable workbooks are printed in black and white. Features of Primary Mathematics (Gr. 1-6): 1. Uses Concrete &gt; Pictorial &gt; Abstract approach 2. Encourages active thinking process, communication of mathematical ideas and problem solving 3. Develops the foundation students will need for more advanced mathematics 4. Emphasizes mental math and the model drawing approach This Singapore Math approach encourages active thinking process, communication of mathematical ideas and problem solving. This helps develop the foundation students will need for more advanced mathematics. Singapore Math programs have soared to the top in the homeschool community. The curriculum is aligned with Common Core standards. This link provides much information on what each grade level contains. <a href="http://www.singaporemath.com/Homeschool_s/60.htm">http://www.singaporemath.com/Homeschool_s/60.htm</a>. The website includes information on supplementary manipulatives, CD's, and other teacher resources. <a href="http://www.singaporemath.com/">http://www.singaporemath.com/</a></p>
<b>Math</b>	<p><b>Teaching Textbooks</b> - Courses include: Math 3,4,5,6,7, Pre-Algebra, Algebra 1 and 2, and Pre-Calculus. Students watch the lesson taught on DVD, do the problems in the spiral-bound textbook, check work on the computer (or with answer key), then watch instructor work through the problems missed. Quizzes are included in the textbook; answers are found on CD or answer booklet. Students are able to work quite independently, and most students using this program like it a lot. The presentation is unique - the book is the size of a catalog, and pages include large type and hand-drawn illustrations. The CD set that comes with each grade level includes a demonstration of each problem included in the book (daily lessons or quizzes). This series is popular amongst homeschool families because of the chance for students to work independently. A word of caution - the level of expectations is below general grade level, so students may not be achieving GLE's, even though they make excellent progress in TT; this can be somewhat corrected by using one level up from grade level. Recommended primarily for students who are struggling and need a basic, easy to use math course, and not as the primary curriculum for high school students on a college track. The 3.0 online 12 month subscription with ebook instead of textbook is now available. Textbook can be ordered to accompany 3.0 online subscription if desired. <a href="http://teachingtextbooks.com/">http://teachingtextbooks.com/</a></p>
<b>Science</b>	<p><b>Academy of Science for Kids</b> - Each kit contains high quality materials, lessons and activities, which have been selected to sustain thought processes necessary for in-depth reasoning. Topics include: Astronomy, Dissection, Ecology, Electricity, Jr. Naturalist, Matter, Newton's Law, Polymers, Rocks, Seeds, Food Science, Robotics. Students can take online tests and earn awards. Completing approximately one kit per quarter is recommended by the author/publisher, as topics are covered in depth. Kits are designed for multi-age use, so are perfect for a family with several children. Kits contain everything needed for the experiments. Extra student journals can be purchased. <a href="http://www.academyofscienceforkids.com/">www.academyofscienceforkids.com/</a></p>
<b>Science</b>	<p>The online <b>Alaska Seas and Rivers marine/aquatic curriculum</b>, developed by Alaska teachers, provides high-quality units for use by teachers and homeschoolers, as well as interpreters, youth groups, nature tour guides, and anyone seeking fascinating content on marine science topics. The free online Science units for grades K-8 are complete and ready to use. The curriculum meets Alaska science content standards and grade level expectations. Units range from 3-5 to 8-9 weeks long. Much of the content is hands-on. Lesson plans are well organized. <a href="http://seagrant.uaf.edu/marine-ed/curriculum/">http://seagrant.uaf.edu/marine-ed/curriculum/</a></p>
<b>Science</b>	<p><b>Elemental Science</b> is designed for homeschool use, and provides the parent/teacher with easy-to-use science lesson plans, following the classical education model (grammar, logic, rhetoric) and using lapbooks, living books, full science curricula, and teacher resources for all ages, pre-school through high school. Each level of the program includes three main keys for teaching science: hands-on scientific tests (experiments), gathering information (reading), keeping a record (notebooking/scrapbook). The program provides a framework of science study while your science "text" and experiments are found in a selection of quality resource books including DK, Usborne, Kingfisher and Janice VanCleave titles. All areas of science are covered, including biology, earth science/astronomy, and chemistry/physics. Each of the seven levels includes Teacher's Guide and Student Workbook and is designed to cover two grade levels. Sets are</p>



	<p>available as printed text or ebooks. Elements of ES will appeal to classical, Charlotte Mason, and Well-Trained Mind teaching philosophies. <a href="https://elementalscience.com/">https://elementalscience.com/</a></p>
<b>Science</b>	<p><b>Great Science Adventures</b> is a multi-grade level curriculum for teacher and students in one book. Each of the ten studies include 24 lessons with all the lab and review activities necessary to reinforce the content and all the graphics needed to complete the activities. (Many cut and create activity pages) In addition, the teacher will find an easy to follow format complete with concepts, vocabulary words, clear directions, questions to ask, writing assignments, and assessments. Enrichment exercises integrate the subject matter with other disciplines, including appropriate literature to read and web sites to visit. All writing assignments are coded by ability level making the program useable for students in grades K - 8th. Permission to photocopy for home use. We recommend that higher-level students have access to reference materials for their assignments. <a href="http://www.common sensepress.com/store/c3/Science.html">http://www.common sensepress.com/store/c3/Science.html</a></p>
<b>Science</b>	<p><b>Supercharged Science</b> - This is not textbook-based, but instead is a comprehensive science program developed by "supercharged Aurora Lipper" (highly qualified and energetic science teacher/rocket scientist) online or via DVD lesson, followed by easy-to-complete, engaging experiments for all ages. For high school (or junior high students needing more challenging material), the parent or student can access textbook readings, exercises, and quizzes for a complete academic lab course. Supercharged Science's online e-Science program gives students access to a high-quality curriculum that makes extensive use of hands-on activities and experiments to excite and motivate kids. If a family wants all the parts and pieces, the Science Mastery programs can be purchased with all materials needed for 1, 2 or 5 years of curriculum (3 levels). Each level includes parts and materials for 65 to 600 projects plus an experiment manual. The price is costly, but includes a ton of resources! Costs vary for monthly subscriptions. Free lessons available. There is a LOT here, and it takes awhile to figure out what configuration of the curriculum best suits each family. Aurora offers some free online classes. <a href="http://www.superchargedscience.com/">http://www.superchargedscience.com/</a></p>
<b>Social Studies</b>	<p><b>Child's History of the World</b> - This classic book covers history from the beginning to the present, written in a conversational style for children of all ages, by Virgil Hillyer. It serves as a good, first introduction to World History, and can stand-alone or be used with accompanying student workbook and teacher guide. Reading level is about 4th grade, but would be effective as a read-aloud for a multi-age family group. The book can be purchased through many curriculum companies or Amazon.com. The book can be a stand-alone history course or used with student text and teacher guide. Calvert Schools updated and republished the book in 2012. Original version was published in 1924. <a href="https://www.goodreads.com/book/show/78783.A_Child_s_History_of_the_World">https://www.goodreads.com/book/show/78783.A_Child_s_History_of_the_World</a> <a href="http://treeoflifeathome.com/product-category/history-and-geography/world-history/childs-history-of-the-world/">http://treeoflifeathome.com/product-category/history-and-geography/world-history/childs-history-of-the-world/</a></p>
<b>Social Studies</b>	<p><b>Mapping the World by Heart</b> - Described as an "Innovative Approach to Learning Geography", MTWBH teaches students to map the entire world from memory! The program uses knowledge, practice, mnemonics, group activities and games to reach this goal. The Teacher's Guide includes detailed lesson plans and map sets. The program can be integrated with other social studies curriculum or can be a stand-alone geography program. Hands-on mapping activities to teach world geography, geared for grades 5-12. Each order comes with map templates for at least eight students, so perhaps families could share one set. <a href="https://www.fablevisionlearning.com/mappingtheworldbyheart">https://www.fablevisionlearning.com/mappingtheworldbyheart</a></p>
<b>Social Studies</b>	<p><b>Trailguide to Learning</b> - The three-part series is produced by Geography Matters. Each level (Paths of Exploration for Gr. 3-5, Paths of Settlement for Gr. 4-6 and Paths of progress for Gr. 5-7) provides all the guidance and materials necessary to teach multi-grade elementary students in Grades 3-7 for one school year in every subject but math. The unit method is based on early American history time periods, but ties together and teaches language skills, history, geography, science and art. Real books, rather than textbooks, provide the core content of the program. The tutoring approach makes each lesson individual, yet flexible enough to meet the needs of several grades at once. State funded packages available. Extension packages for lower or higher grades are available. Cost is \$400-500 (2018 pricing) for each level's comprehensive kit. Families who enjoy the unit study approach to learning and/or have students in several grades, are enthused about this curriculum overall. Home teachers may need to supplement in certain areas to meet all Common Core standards. <a href="http://www.home-school-curriculum.com/learning_series/">http://www.home-school-curriculum.com/learning_series/</a></p>
<b>Social Studies</b>	<p><b>Alaska History and Cultural Studies</b> is an online curriculum designed to teach Alaskan high school students about their state, its rich history and its people. The site contains a huge amount of material, all accessible from one website. The curriculum is designed to meet Alaska's Alaska History graduation requirement and related performance standards. The Alaska Humanities Forum and the state's leading historians, anthropologists, geographers and educators developed the course. Six stand-alone units, include: Geography, Alaska's Culture, Russia's Colony, America's Territory, Governing Alaska, and Modern Alaska. A thorough assessment is available for each unit. No cost. The course is free. All materials are online. Although it's written for high school students, the material could be adapted to any age student. It could be used as a 'stand-alone' course, or as the framework for a parent designed course. Contact Susy Buchanan for further assistance on the Alaska History and Cultural Studies curriculum and website assistance: 907-272-5313. <a href="http://www.akhistorycourse.org/">http://www.akhistorycourse.org/</a></p>