Upstream Learning Curriculum Grades 9-12

Subject	Description
Area	
all subjects	AIM Academy (Debra Bell) offers classes for 5th–12th grades including full year and semester classes, mini-courses, and summer classes. Choose from over 65 online classes with live teachers. Classes are aligned with SAT, ACT, CLEP, and AP exams so homeschool kids are ready to score high on these tests by the end of high school. Live classes are recorded so students can review material at their convenience. <u>https://debrabell.com/online-class-schedule/</u>
all subjects all subjects	 "Williamsburg Academy (WA) is an online private school serving students in grades 6-12 from all over the world. Our program is built on a classical education model and emphasizes leadership, the liberal arts, and adventure. All credit earned at Williamsburg Academy is recognized by all other schools accredited by AdvancED All of our courses are online, although students complete hands-on projects and assignments. Students participate from home or any internet connection. We have live courses where mentors and students can see, hear, and share content with each other. We also have self-paced courses where students can study and learn virtually at any time on any dayWe offer all courses required for regular graduationMany of our courses are offered as both an Honors and Classics version. Students attend the same live class sessions, but students in Honors courses have roughly 30% more and/or more difficult readings and assignments in Canvas than students in Classic courses, taking them deeper into the subject." https://www.williamsburgacademy.org/about-us/
	enroll any time of the year and may take courses online or via traditional textbook. Keystone is accredited by Middle States Association of Colleges and Schools: Commission on Secondary Schools and the Northwest Accreditation Commission. <u>http://keystoneschoolonline.com/</u>
all subjects	The mission of Paradigm Accelerated Curriculum (PAC) is to provide for students an accelerated learning system and principle-based core curriculum specifically designed to address the character, academics and emotional needs of students who have been under-served or have underperformed in conventional classrooms. PAC publishes soft-cover 8- 1/2" by 11" textbooks with companion student activity books and test booklet. Each course is divided into several of these text-booklets, which removes the intimidation of a typical large, heavy textbook. Students work through each course in these smaller chunks. Each booklet follows the same layout and is a traditional "read the material and answer
	the questions" format. Text is in a larger font than typical textbooks, and the pages appear clean and unclutterd, but they have a unique 'look'. Textbook-based English, science, history and several elective courses are available for Grades 7-12. The predictable format makes for a great match for students who thrive on knowing exactly what is expected each day. We have typically used PAC courses for struggling or credit recovery students. Booklets may be purchased individually. <u>http://pacworks.com/newpac/</u>
all	University of Nebraska Independent Study High School - UNISHS is accredited and offers more than 100 core,
subjects	elective, and Advanced Placement online, self-paced semester courses. Students take from 5 weeks to 1 year to complete a course and may study at their own pace and with the approach that fits the learning styles of many types of students. Instructors can be reached by students via phone and email. A proctor is required to administer closed-book progress tests. 2018 cost is \$250 per semester plus \$50 registration and various textbook costs. ISHS's grading scale is higher than CRSD (A=93-100, B=85-92, C=77-84, etc.) - a student taking ISHS courses would receive the grade they issue. https://highschool.nebraska.edu/courses
all	American School offers both online courses and traditional book-based courses with study guides. The traditional
subjects	correspondence courses are self-contained and the study guide explains procedures and leads the student step by step to the completion of the course. Self-check tests allow the student to progress at their own pace and several examinations are submitted during the course. Final exams are required for each course and open enrollment allows a full year to comlete each course. American School is one of the oldest and largest of all correspondence institutions, dating back to 1897. The courses are traditional, yet predictable for the student. Turn-around time for teacher correction/comments can take several weeks. <u>https://www.americanschoolofcorr.com/whychoose/</u>
all subjects	Great Courses offer the 'best of the best' college-level courses on CD, DVD, and Digital formats. Over 500 expertly- produced courses by professors chosen for their ability to teach. Study guides vary by course. No assessments available. Can be adapted for high school credit. <u>https://www.thegreatcourses.com/</u>
all subjects	North Dakota Center for Distance Education (NDCDE) is an established, accredited institution offering over 150 online courses in core, elective, credit recovery and AP subjects. They offer a variety of elective courses including several in Agriculture, Art, Business and Computer Education, Family and Consumer Science, Music and Technical Education. Online distance education courses are available for middle school and high school students. <u>www.ndcde.org/</u>
all subjects	MU High School is accredited and offers close to 200 semester courses in all subject areas, including core, elective and Advanced Placement. Some courses use a textbook and some present all material online; students can interact with instructors via email. All middle school courses and many high school courses allow the student to work at his/her own pace (flexible course format with open enrollment and 6 month access). Some high school courses are available in the fall and spring in scheduled format to meet online with an instructor and other students. Grade 7-12 courses require a proctored final. Courses are similar to BYU, but students have 6 months rather than 12 months to finish courses and many MU courses use textbooks rather than online content print-outs only that BYU courses provide. Online self-paced

	and semester-based courses for Gr. 3-12. MU High School is accredited by the Commission on International and Transregional Accreditation, the North Central Association Commission on Accreditation and School Improvement and is an institutional member of the International Association for K-12 Online Learning. We are primarily using MU for high school students, not elementary. (2018 pricing is \$500/0.5 credit course) <u>http://mizzouk12online.missouri.edu/?page_id=478</u>
all subjects	Acellus Learning System (Power Homeschool) 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. https://www.powerhomeschool.org/program-overview/
all subjects	K12 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 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. https://www.k12courses.com/getting-started/
all subjects	Study Island 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 prepartation and skill building is available for content in all subject areas for Grades K-10. <u>http://www.studvisland.com</u>
all subjects	Time4Learning 's 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 Langauge 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. <u>www.time4learning.com</u>
all subjects	"BookShark 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 teachWe 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 optionsand more to ensure you have everything you need for an entire school year." Sonlight 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. https://www.bookshark.com/
all subjects	Timberdoodle offers "basic kits for those on a strict budget or combining more than one gradeComplete Kits for you who are looking for an all-in-one solution with a mix of hands-on exploration and workbooksElite 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. <u>https://timberdoodle.com/collections/curriculum-kits</u>
elective	KeyTrain/Career Ready 101 is a web-based instructional program that allows students to practice the skills that are tested on the WorkKeys assessments. It is an integrated approach to exploring careers and their skill requirements. Online career readiness. No cost for Alaska high school students. <u>http://www.careerready101.com/</u>
elective	Atelier Art - Each of the 8 levels includes a full year of visual art instruction on 3 DVDs. Students will build and develop a foundation of skills by learning and working through the essential elements and principles of art including: line, color, space, shape, form, texture, pattern, balance and emphasis. The program also includes art-history, media exploration, creative self-expression, cultural appreciation, right-brain drawing techniques, and much more. Art instruction on DVD for Grades K-10. Cost is \$155 per level. All DVDs are reinforced by lesson plans which make clear the objectives, materials, techniques and procedures of each lesson and which supplementary Art Print Kits correlate with each level. http://www.homeschoolart.com/
elective	AvStem.com offers a hands-on approach to aviation science, technology, engineering, and math in online courses. Classes include Introducation to Aviation, National Competitions, Remote Pilot Certification Prep Course, and sUAS Safety Certification (available for dual college credit). <u>https://av-stem.com/</u>
elective	Discovering Music : 300 Years of Interaction in Western Music, Arts, History, and Culture is available online and in a hard-copy edition. This unique curriculum connects music with visual arts, political and economic history, and Western Culture from 1600 to 1914. By experiencing the arts of a particular time and place, students are better able to understand what happened – the social and political forces as well as the daily life of historical figures. Professor Carol does all of the instruction in video lectures totaling more than 13 hours. Text support contains terminology, annotations, projects, viewing guides, and quizzes that track the video instruction. Extensive listening guides provide musical

	examples throughout the course. No prior music background is needed by either the parent or the student. Suitable for
elective	H.S. Credit 1.0 (History, Fine Arts, Humanities) <u>https://www.professorcarol.com/discovering-music/</u> American Sign Language University is an online American Sign Language curriculum resource center providing free
elective	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 inperson 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 www.lifeprint.com. See the "lessons" section. Letter grades will be awarded based on test scores and completed assignments. Full documentation of 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. http://www.lifeprint.com/asl101/ Tech Trep Academy 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. <u>https://www.techtrep.com/</u>
elective	Financial Fitness for Life@(FFFL) 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. <u>http://fffl.councilforeconed.org/</u>
elective	Rosetta Stone is a respected laguage 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 & 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. http://www.rosettastone.com/
elective	The Presidential Youth Fitness Challenge is a nationwide program using a Fitnessgram checklist to access 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. <u>http://www.humankinetics.com/products/all-products/Fitnessgram-Administration-Manual-5th-Edition-With-Web-Resource</u>
elective	Fitness for Life textbooks and web resources cover fitness and health topics in over 20 chapters of material.
GIECLIVE	Recommended use is with an activity log for PE credit. Chapters 13-23 are suitable for 0.5 Health credit. Curriculum is designed for classroom use so tests and other instructor resources are not available to homeschoolers. http://www.humankinetics.com/fitnessforlife
Language Arts	Essentials in Literature is a literary analysis curriculum that features a teacher handbook and student textbook/workbook combination with video instruction from teacher, Matthew Stephens presented on DVD over four units: fiction, nonfiction, novel, figurative language/poetry. One six-week novel study is included. Summative Assessments are the culminating activity for each iindividual unit with multiple choice, matching, short answer/fill in the blank, true/false, tabled literary analysis application, and written response assessment techniques. Students are taught to analyze literature not only for its literary value but also as a way to connect with authors, characters, events, and places. This is not a writing course. https://essentialsinwriting.com/essentials-in-literature/
Language	Lux Writing Center - Individualized, hand-tailored feedback, lessons, guidance, direction on writing projects and
Arts	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. https://luxwritingcenter.com
Language	Sequential Spelling for K-12 students - The publisher, AVKO (audio, visual, kinesthetic, oral) is a non-profit, 501(C)3
Arts	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. <u>https://www.sequentialspelling.com/static/products.php</u>
Language Arts	Spelling Power 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. <u>http://www.spellingpower.com/default.aspx</u>
Language Arts	English From the Roots Up 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. https://cathyduffyreviews.com/homeschool-reviews-core-curricula/spelling-and-vocabulary/vocabulary-resources/english-from-the-roots-up
Language Arts	Phonetics Zoo (Excellence in Spellling) - 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. <u>http://iew.com/pz</u>
Language Arts	Format Writing - This single volume employs a formula approach to writing paragraphs and essays, and should be helpful for parents who need a structure to guide them. Students can do most work independently, but parents need to evaluate student work, so should be familiar with the lessons. An optional DVD helps the parent/teacher effectively teach the method through 12 lectures by author, Frode Jensen. One instructional text for teaching writing (\$20+), with optional DVD lectures for parent/teacher (set is \$50). Simple format for parent/teacher to follow. Although geared for high school students, middle-school students could also benefit. New Leaf Press also offers companion Language Arts texts by same author: Punctuation and Grammar. https://www.nlpg.com/jensens-format-writing
Language Arts	Jensen's Grammar - This rigorous grammar program is designed for high school students and consists of one book with one page of instruction and one page of exercises for each lesson. Concepts are reviewed throughout and cumulativetests are included in the answer key book. Part 1 covers parts of speech and word functions, punctuation, sentence structure. Part 2 emphasizes sentence patterns and formula writing. Part 3 includes verbals, parallelism and other challenging topics. Cathy Duffy states "It should not be necessary to study grammar agaiin after ccompleting Jensen's Grammar." This text-based grammar instruction program can be purchased as text only (\$30) or as text/DVD set (\$50 2018 pricing). Also available is a 2-set DVD where the author systematically teaches through each lesson of his book. <u>https://www.masterbooks.com/jensens-grammar</u>
Language Arts	Wasko Lit is the literature companion to WriteAtHome's composition courses. Wasko lit courses meet online once per week for an hour for a live discussion of one of the books on the reading list. These books are purchased separately from the tuition cost. Five courses should be taken in sequence (Lit 1-4 and Advanced Lit), but all are stand-alone. Book selections are rigorous, the reading list is extensive, and the educational approach is classical. Students are expected to follow the course schedule with weekly assignments, projects and due dates. Two papers and two projects are assigned each semester. \$500 per year-long course (2018 pricing); discount if taken with writing course from WriteAtHome. Wasko Lit is a part of WriteAtHome. Although the composition classes are asynchronous, the lit classes are synchronous (real time). Worldview of the teachers is Christian, but the course content is not designed to "proselytize". <u>http://www.writeathome.com/wasko-lit/</u>
Language Arts	WriteAtHome offers comprehensive, structured structured online writing classes for grades 6-12, includiing Composition 1: Foundations, Comp 2: Form and Purpose, Comp 3: Writing Mechanics and Comp 4: Developing Style in

	either a semester or year-long option, and three 9-week writing workshops in Essay, Short Story and Research Paper. Each student is assigned a Writing Coach for the duration of the course. On an assigned day of each week, a new lesson and assignment is made accessible to the student via the website. The student's previously submitted work is then available for download and includes detailed comments from his or her Writing Coach. Course syllabi are available on the website. Students enjoy these courses, and the writing coaches are engaging and well qualified. <u>http://www.writeathome.com</u>
Language Arts	Easy Grammar 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. https://www.easygrammar.com/store/c1/Featured_Products.html
Language Arts	Essentials in Writing 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. https://essentialsinwriting.com/
Languago	
Language Arts	Institute for Excellence in Writing (IEW) 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 plathera of ucoful recourses for homeschool teachers.
	plethora of useful resources for homeschool teachers. <u>http://www.excellenceinwriting.com/</u>
Language Arts	Learning Language Arts Through Literature 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 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+. <u>https://www.commonsensepress.com/</u>
Language	Lightning Literature & Composition/Hewitt guides use full-length novels, autobiographies, plays, essays, short
Arts	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. https://www.hewitthomeschooling.com/Materials/mLightningLit.aspx
Language	The core item from Center for Lit is 'Teaching the Classics ' is a DVD seminar for parents and older students,
Arts	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 & 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. <u>http://centerforlit.com/</u>
Language	Time4Writing provides online writing courses for grades 3-12 in mechanics, paragraph and essay for elementary,
Arts	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. <u>www.time4writing.com</u>
Language	Wordsmith (Common Sense Press) provides "easy, step-by-step instructions to improve writing skills. The series
Arts	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.
Math	ALEKS (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. <u>https://www.aleks.com/homeschool</u>
Math	Live Online Math provides math classes, workshops and tutoring via live, real-time online sessions or recorded video classes for grades 6-12. Courses include Pre-Algebra, Algebra 1 and 2 and Geometry. Live Classes meet 3 times each week online with a teacher and a small class, then work independently the rest of the week, using a textbook. Video Plus classes meet 1 time each week online with a teacher and a class and then work independently the rest of the week using a textbook and video lesson instruction. Video classes use the textbook and video lessons asynchronously. Additional live tutoring hours can be purchased. The teacher is available during the week for student questions. Texts used: Pre-Pre Algebra (Middle School Math, Scott Foresman), Pre-Algebra (Passport to Algebra and Geometry, McDougal Little), Algebra 1 and 2 (Glencoe). <u>http://www.liveonlinemath.com/</u>
Math	Math Essentials is a basic math program, developed by a retired middle school math teacher, Rick Fisher. Coursesinclude Mastering Essential Math Skills, Pre-Algebra Concepts, No-Nonsense Algebra, and several topics (WholeNumbers/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 bookprice. Answer keys are provided in the back of each text, with no additional parent resources. Basic math courses forupper 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 bookprice. https://www.mathessentials.net/
Math	<i>Mr. D Math</i> Curriculum offers 1 day/week live classes for Pre Algebra through PreCalculus/Trig and self-paced online curriculum. Live full year courses cost approx. \$500 (2018 pricing). <u>https://www.mrdmath.com/curriculum/</u>
Math	Harold Jacobs Mathematics - The two textbooks are Elementary Algebra and Geometry. Mathematics: A Human Endeavor (subtitled A Book for Those Who Think They Don't Like the Subject) is meant as a follow-up to the other two books, but could also be used for remedial college students who need to be re-introduced to general math concepts. Elementary Algebra aims at student competency, providing a solid framework of skills and concepts from which to move on to more advanced math. Geometry is Euclidean in approach. Mathematics: A Human Endeavor is much broader, providing more basic information and filling in gaps. Topics are easily referenced later on due to the logical structure of the books and obvious chapter and lesson breaks. Together they provide an excellent, consistent overview of high school math. DVD student Instruction, teacher's Guides and solution manuals are available for the teaching parent. 'Ask Dr. Callahan Math' has produced the DVD supplement to the Jacobs' texts. http://www.exodusbooks.com/category.aspx?id=7333 <u>http://www.pahomeschoolers.com/jacobs.html</u>
Math	Art of Problem Solving curriculum is designed for high-performing math students in grades 6-12, with courses ranging from Pre-Algebra through Calculus. This series shows students how to apply their knowledge and problem-solving skills to difficult problems, with skills necessary for success at mathematics competitions (such as MATHCOUNTS and the AMC), top universities, and competitive careers. Includes Introductory and Intermediate levels and Problem Solving series with either paperback or online textbooks (content is the same). The website includes an array of supplementary materials for pre-school through high school. Text and Solution hard copy sets range from \$42-59 and online books are similarly priced (2018). Live, weekly online classes are available for \$325 per semester (2018). Math competition programs often use this curriculum. Beast Academy is the elementary component. https://artofproblemsolving.com/store/list/aops-curriculum
Math	Thinkwell Homeschool offers Online/CD math courses for Gr. 6 Math through Calculus and AP Calculus. Each course is a complete package with 5-10 minute video lessons, tests, exams, automatic grading. Problems are primarily multiiple choice, with some free-response. Some courses offer CD option, and optional workbook. Additional courses include science, public speaking, and AP and/or college courses. http://www.thinkwellhomeschool.com/
Math	UnLock Math offers complete online Pre-Algebra, Alg 1, Alg 2, Geometry and Pre-Calculus (2018) courses that students can access at any time; no live classes, but thorough math video instruction from Alesia Blackwood through the online format. Courses are professionally designed with great graphics presented on a large digital screen. Lessons are designed for homeschoolers and provide everything needed - teacher instruction, practice problems, cumulative review, tests, solutions. Parent doesn't need to teach, but has full access to tracking progress on student's dashboard. Student and parent have direct access to the teacher for support when needed. Online subscription is available per year or per month, with a discount for additional family members. 50% discount for second student in the family. <u>www.unlockmath.com</u>
Math	Videotext Interactive Math - The programs, Algebra: A Complete Course (2 years) and Geometry: A Complete Course (2 years - includes Trigonometry), use video-based strategies to teach algebra and geometry from start to finish.

The main components are the "videotext" (video lessons) and a work text. A teacher guides the recorded lessons, with computer-generated graphics and animation used to illustrate concepts. Work and practice problems are done from the worktext on paper. Resources for the home teacher and student include course notes, solutions manual, progress tests and instructor's guide with detailed solutions to all quiz and test problems. The student can work fairly independently, with the home teacher responsible for correcting and grading all work. This is an established program for homeschool students, with the premise that students enter with a strong math background. VideoText recently began offering each 2-year course online, with all materials accessed electronically with a password. <u>http://www.videotext.com/</u>
Chalk Dust Math 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 http://www.chalkdust.com/courseindex.html
Critical Thinking Company 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 Thinking 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. https://www.criticalthinking.com/
Life of Fred Mathematics - 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 studens 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: http://www.stanleyschmidt.com/FredGauss/31samplepages.html http://lifeoffredmath.com/
Math·U·See 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. <u>http://www.mathusee.com/</u>
Saxon Math 's 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 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 https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math/grades-k-6/saxon-math-teacher-computer-cds. DIVE into Math also provides video insturction for Saxon Math 5/4 through Advanced Math. A detailed review is available at https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-supplements/4th-grades-k-6/saxon-math-teacher-computer-cds. DIVE into Math also provides video insturction for Saxon Math 5/4 through Advanced Math. A detailed review is available at https://cathyduffyreviews.com/homeschool-reviews-core-curricula/math-s

Math	Teaching Textbooks - Courses include: Math 3,4,5,6,7, Pre-Algebra, Algebra 1 and 2, and Pre-Calculus. Students
Math	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, s students may not be achieving GLE's, even though they make excellent progress in TT; this can be somewhat correcte by using one level up from grade level. Recommended primarily for students who are struggling and need a basic, eas
	to use math course, and not as the primary curriculum for high school students who are struggling and need a basic, eas, month subscription with ebook instead of textbook is now available. Textbook can be ordered to accompany 3.0 online subscription if desired. <u>http://teachingtextbooks.com/</u>
Math	Foundations in Personal Finance-Dave Ramsey - Personal finance expert Dave Ramsey teaches the course on DVD for students in grades 7-12. Ramsey walks students through the steps to financial peace, helping them prepare for
	the ups and downs of money before they enter adulthood. Foundations in Personal Finance can be used as a primary of supplemental resource. Includes 4 DVDs: 4 units / 12 chapters; Teacher's Guide CD-ROM: Includes lesson plans, activities, case studies, syllabi, answer keys, assessments and additional information to help the teacher implement the curriculum. Includes State Standards and Benchmarks chart for Alaska.
	https://www.daveramsey.com/store/education/foundations-home-school?_ga=2.174977890.1114566894.1532999044 1670723880.1532999044
Science	Academy of Science for Kids - Each kit contains high quality materials, lessons and activities, which have been
Science	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. Ki
	contain everything needed for the experiments. Extra student journals can be purchased. www.academyofscienceforkids.com/
Science	Exploration Education is written primarily for homeschoolers and offers a project and experiment-based approach for
	<i>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</i>
Science	higher levels. Although highly hands-on, the course includes quizzes and exams. <u>http://www.explorationeducation.com</u> Elemental Science is designed for homeschool use, and provides the parent/teacher with easy-to-use science lesson
Science	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 available as printed text or ebooks. Elements of ES will appeal to classical, Charlotte Mason, and Well-Trained Mind teaching philosophies. <u>https://elementalscience.com/</u>
Science	Supercharged Science - 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 mole 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 manua The price is costly, but includes a ton of resources! Costs vary for monthly subscriptions. Free lessons available. There 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. <u>http://www.superchargedscience.com/</u>
Social Studies	Mapping the World by Heart - 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. https://www.fablevisionlearning.com/mappingtheworldbyheart

Social Studies	A History of US/Hakim - American history written in engaging style with many b/w illustrations and photographs. Author is Joy Hakim; publisher is Oxford University Press. Hakim's single, clear voice offers continuity and narrative drama as she shares with a young audience her love of and fascination with the people of the past. The newest edition is an 11-volume set containing revisions and updates to all ten main volumes and the Sourcebook and Index. There are two different test packets available to accompany each volume, either from Oxford U. Press or from Hewitt Homeschooling. Reading and interest level is appropriate for grades 6-12 - good for bright middle school students or as the basis for a high school course, with some added reading assigned. PBS Online has supplementary material. http://www.joyhakim.com/works.htm
Social Studies	All American History (AAH) The core book is the student reader, which presents historical information with black- and-white illustrations. A brief summary of key points concludes each chapter. These are big books with 442 pages in the first volume and 557 in the second. Volume 1 is The Explorers to the Jacksonians and Volume 2: The Civil War to the 21st Century. Student activities books are consumable. Target age seems to be Gr. 6-8, so high school students will need to dig deeper with additional readings and more in-depth assignments, which are provided. High school students would need to complete both volumes in one year for HS credit. Two-year, two-volume course in U.S. history; each level includes student reader, student activity book, and teacher's guide. There is an AAH junior version, so all ages could be taught together. Written by Christian author, but Cathy Duffy states it is appropriate for secular use. https://www.brightideaspress.com/
Social	A Bluestocking Guide: Economics by Jane A. Williams (editor of the Uncle Eric books) is a multi-age level book
Studies	designed to reinforce and enhance a student's understanding of the subject matter presented in the primer, Whatever Happened to Penny Candy? an Uncle Eric book by Richard J. Maybury. Guide book to accompany Whatever Happened to Penny Candy? For Middle and High school grades. Compatible with 7th edition of "Penny Candy". http://www.bluestockingpress.com/bluestocking-guide-economics.htm
Social Studies	Aunt Phil's Trunk is a series of 5 books covering 5 time periods in Alaska History. Students may choose 2 time period to study in depth using the books, workbooks, and the parent guides that are available to assist parents with assignments and grading. One book/workbook is completed for each quarter of high school credit (2 quarters for 0.5 credit). https://auntphilstrunk.com/
Social Studies	Alaska History and Cultural Studies 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. http://www.akhistorycourse.org/