



Math Comparison Chart

Curriculum	A+ Interactive Math, Family Package CLICK HERE	Abeka CLICK HERE	ACE PACEs CLICK HERE	BJU Press Homeschool CLICK HERE	Calvert CLICK HERE	EnVision by Savvas CLICK HERE	Exploring Creation with Mathematics by Apologia CLICK HERE	Horizons by Alpha Omega CLICK HERE	Key To... Series CLICK HERE	Life of Fred CLICK HERE	LifePac by Alpha Omega CLICK HERE	Master Books Jr. & Sr. High Mathematics including Jacobs Elementary Algebra and Jacobs Geometry CLICK HERE	Math in Focus 2020 Series: The Singapore Approach CLICK HERE	Math Lessons for a Living Education by Master Books CLICK HERE
Style	Online, Self-paced	Traditional	Self-paced Workbooks	Traditional	Workbooks	Traditional Interactive	Interactive, Science Connections	Traditional	Math Supplement Self-paced Workbooks	Non-traditional Narrative-based lessons	Self-paced Workbooks	Traditional Self-paced	Singapore Approach	Charlotte Mason Interactive Multi-sensory
Spiral/Mastery	Mastery	Spiral	Mastery	Combination Spiral/Mastery	Mastery	Mastery	Mastery	Spiral	Mastery	Mastery	Mastery	Varies	Mastery	Spiral
Christian or Secular	Secular	Christian	Christian	Christian	Secular	Secular	Christian	Christian	Secular	Some Christian content in story; can be used as secular	Christian	Christian	Secular	Christian
Manipulatives	No	Yes, in younger grades Manipulatives sold separately	If manipulatives are necessary, they are not included	If manipulatives are necessary, they are not included	Yes, supplied by educator	If manipulatives are necessary, they are not included	Yes, household items	Yes Gr K - 3: 846350 Gr 4 - 6: 846360 Gr 4 - 6: Expansion Kit 946360	No grade levels as workbooks are topic-based	No	Yes, for K - 2 manipulatives are necessary, supplied by the educator	Each course has different tools including calculator, abacus, measuring tape, straight-edge, protractor, and compass	If manipulatives are necessary, they are not included	Yes, household items and paper-based manipulatives provided in book
Online Component	Entire program is online	None	None	Online "Homeschool Hub" has teacher resources	None	Online access for one year, includes teacher resources, answer keys, games and quizzes	Online access includes games, printables, and helpful third-party websites	None	None	None	None	None required Optional resource website provided in Teacher Manual	None	Grade 1 - 2 Answer Key is only online
Grade Levels Available	Grades 1-6 PreAlgebra	Preschool — Grade 12	Kindergarten — Grade 12	Preschool — Grade 12	Preschool — Grade 4	Grades 1-8, Algebra 1, Algebra 2, Geometry	Grades 1-6	Kindergarten – Grade 8	No grade levels as workbooks are topic-based	Grades 1 – College	Kindergarten – Grade 12	Grade 6 – 8 Algebra 1, 2 Geometry	Grades K – 8	Grades K – 6
Teacher Involvement	Student self-paced so minimal teacher involvement	Originally intended for classroom use, Abeka is teacher intensive	Student self-paced so minimal teacher involvement	Originally intended for classroom use, BJU is teacher intensive	High teacher involvement	Developed for classroom use, enVision is teacher intensive	Teacher-intensive with multi-sensory interactive lessons	Teacher-intensive multi-sensory lessons require interaction between teacher and students	Student self-paced so minimal teacher involvement	Minimal teacher involvement Self-paced and relies on self-teaching learning style	Student self-paced, but teacher involvement is highly encouraged	Minimal teacher involvement Self-paced and relies on self-teaching learning style Geometry benefits from teacher involvement	Teacher involvement necessary especially in lower grades	Teacher involvement is important through Grade 2 Grade 3 and up students can be more independent
Features	<ul style="list-style-type: none"> * Pick the family package for the number of students that will use the program * Parents may adjust child's grade level at any time and complete lessons from lower or high grade levels, and then return to original grade level * Online video lesson is presented on digital whiteboard with colorful graphics and illustrations * Online interactive question review with immediate step-by-step solutions for incorrect answers, online worksheet (with print option), and chapter tests * PDF version of lesson content available to view and print 	<ul style="list-style-type: none"> * Abeka subjects all have multiple components (Student/Teacher Editions, flashcards, answer keys, quiz & test books, etc.), so parents decide what parts of the program they want to use 	<ul style="list-style-type: none"> * Self-paced work-booklets are meant to be completed independently * Answers are available in Score Key booklets 	<ul style="list-style-type: none"> * BJU subjects all have Student/Teacher Editions, answer keys, quiz & test books in kits or sold separately, so parents decide what parts of the program they want to use 	<ul style="list-style-type: none"> * Preschool has resource package of visual aids * Supplemental workbook with extra practice problems is available for some grades * Sets include student workbooks and a teacher's guide 	<ul style="list-style-type: none"> * Print/digital blend curriculum provides interactive learning, personalized practice * Ability to edit/add content * Most teacher resources are online * Online access lasts one year. Access instructions included with printed materials 	<ul style="list-style-type: none"> * Makes connections between Math, Science, Art, and other subjects so children see the value in learning math concepts and skills * Includes "Seeing Our Creator" devotionals at the beginning of each unit to teach students that math is "the language in which God has written the universe" * Includes age-appropriate hands-on activities, games and end-of-unit projects 	<ul style="list-style-type: none"> * Lots of repetition and review, helpful for students with math-anxiety 	<ul style="list-style-type: none"> * Workbooks concentrate on one specific area of mathematics * Supplemental, not a complete curriculum * Step-by-step approach 	<ul style="list-style-type: none"> * Considered a full mathematics curriculum not supplemental * Emphasis on conceptual understanding * Non-consumable hardcover textbooks * Extra practice books available for some grades 	<ul style="list-style-type: none"> * 10 workbooks and one teacher guide in each Complete Set * Complete math course but also supplemental uses: individual workbooks can fill in knowledge gaps and give extra practice for older students who need more time on a math concept 	<ul style="list-style-type: none"> * Written in conversational style to students to promote independent learning * Uses comic-strips poetry, stories, practical applications to make lessons engaging * Teacher Guide has student worksheets, quizzes, tests * Step-by-step solutions in Solutions Manual 	<ul style="list-style-type: none"> * US version of Singapore "My Pals Are Here" (MPH) program * Teaches Singapore Math 3-step learning process: concrete-pictorial-abstract 	<ul style="list-style-type: none"> * Story-based lessons with lots of hands-on activities, critical thinking, discussion * Teaching Companion covers all six levels and includes teaching tips, instructions for manipulatives, recipes, readiness tests, math games



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Curriculum	Math Mammoth Light Blue Series	Math-U-See	Math with Confidence by Well-Trained Mind	Miquon Math	Primary Mathematics: Singapore Approach	Purposeful Design by ACSI	"Ray's for Today" Ray's Arithmetic	RightStart	Saxon Original/Classic Kindergarten - Grade 3	Saxon 3rd Edition Original/Classic 5/4 - Calculus	Saxon Intermediate Grades 3 - 5	Saxon 4th Edition Algebra 1, 2 Geometry 1st Edition	ShillerMath	VideoText Interactive for Algebra & Geometry
	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE
Style	Traditional	Topical, Concept-based levels	Traditional Interactive Multi-sensory	Workbooks with Cuisenaire Rods Multi-sensory	Singapore Approach	Traditional	Charlotte Mason, Eclectic Multi-sensory	Non-traditional Multi-sensory	Traditional Multi-sensory	Traditional Classical	Traditional	Traditional	Non-traditional Multi-sensory	Non-traditional Video Lessons
Spiral/Mastery	Mastery	Mastery	Mastery	Mastery	Mastery within Units	Mastery	Mastery	Combination of Spiral and Mastery	Incremental Spiral	Incremental Spiral	Incremental Spiral	Incremental Spiral	Spiral	Mastery
Christian or Secular	Secular	Some Christian content in word problems, can be used as secular	Secular	Secular	Secular	Christian	Secular	Secular	Secular	Secular	Secular	Secular	Secular	Secular
Manipulatives	Yes, household manipulatives provided by educator	Yes, use of the MUS Integer Blocks is required Zeta, Epsilon levels have different manipulatives None used after Algebra 1	Yes, supplied by educator along with paper-based manipulatives provided in book	Yes, Cuisenaire Rods sold separately	Yes, not included	If manipulatives are necessary, they are not included	Yes, not included	Yes, complete Manipulatives Kit sold separately	Yes sold in a kit. Choose from 846200, 382001	Yes, paper manipulatives included in Tests/Worksheets book	Optional	No	Yes, heavily dependent on manipulatives, some included in kits Virtual Kit manipulatives are household items	No
Online Component	Author has online lesson videos	Online Digital Toolbox includes video lessons, drill app, interactive resources, and more	None	None	PM 2022 has online access to student and teacher resources	Online download access to Teacher Resources	None	None	None	None	None	None	Original: none Virtual Kits are completely online with downloadable materials	None
Grade Levels Available	Grades 1 - 8	Kindergarten - Grade 12	Kindergarten - Grade 3, more grades planned	Grades 1 - 3	Grades 1 - 6	Kindergarten - Grade 6	Grades 1 - 6	Grades K - 8 Levels may take more than one year to complete	Kindergarten - Grade 3	Grades 4 - 12	Grades 3,4,5	Grades 8 - 12	Preschool - PreAlgebra: Each kit covers a range of grades	High school
Teacher Involvement	Teacher involvement for younger students recommended Older students can be more independent	Teacher involvement necessary in lower grades and encouraged at higher levels	Teacher-intensive interactive lessons with use of manipulatives and math games	Teacher-intensive	Teacher-intensive	Originally intended for classroom use, it is teacher intensive	Levels 1 - 3 are teacher intensive Levels 4 - 6 student self-paced with some teacher involvement	Teacher-intensive—teacher involvement is a requirement	Teacher intensive	Teacher involvement necessary or encouraged, depending on the student's level of independence and mathematical ability	Developed for classroom use, it requires more teacher involvement than Classic Saxon Math	Teacher involvement encouraged	Multi-sensory, Montessori-based manipulative curriculum so is teacher intensive	Student self-paced, but some teacher involvement may be necessary
Features	* No teacher manual, all instruction is in the consumable semester-long worktexts with Tests & Reviews book and Answer Keys book sold separately * Worktexts include some teaching resources like chapter overview, helpful third-party online resources * Canadian editions also available	* Each year through Zeta focuses on one concept/operation * Teaches conceptual understanding of math * Video based lessons, multi-sensory using manipulatives, good for neuro-diverse students or those who struggle with self-confidence in math	* Scripted lessons * Instructor Guide includes suggestions for math picture books, read-alouds, enrichments, review activities, games along with blackline masters for paper-based manipulatives	* Hands-on, kinesthetic learning * Core math curriculum or supplement, it is also useful as remediation for older students or students with learning challenges	* Teaches 3-step learning process: concrete, pictorial, abstract * Four Primary Mathematics editions available (2022, U.S., Standards, and Common Core editions)	* Grades K, 1-3 consumable Student Worktext * Grades 4 + non-consumable Student Textbook * Includes hands-on activities and learning-based projects	* Rewrite of 1800s Ray's Arithmetic, structured into daily lessons and grade levels * Some teaching resources * Lots of word problems, mental math, and oral math drills * Levels 1 - 3 are hands-on concrete learning; Levels 4 - 6 are pictorial to abstract learning * Original edition also available	* Scripted, open-and-go lessons with occasional teacher prep * Kinesthetic program that uses a lot of traditional and unique manipulatives and card games * Strong emphasis on conceptual understanding. "Deconstructs" math skill before teaching common algorithm * Very "non-mathy" lessons for neuro-diverse students and students with math anxiety	* Lessons are scripted in Teacher's Edition * Not written by John Saxon, the Kindergarten through Grade 3 courses are very different than classic Saxon Math * Drills on math facts with goal of mastery by Grade 3	* Saxon's strength is skill development with mental math, daily facts drills, and extensive practice problem sets * There is no teacher edition. Student Textbook has loosely scripted lessons and Solutions Manual has answers and step-by-step solutions for more complex problems for all answers in Textbook and Tests & Worksheets book * Geometry concepts integrated throughout all levels. Throughout the school year, Algebra 2 course contains semester 1 and Advanced Mathematics contains semester 2 of High School Geometry	* Same content as Saxon Classic Math. Additional content has been added to align course to CC * No teacher edition * Two workbooks provide options for completing textbook written practice exercises. Each workbook also has additional content that the other doesn't have * The Powerup Workbook does not have an answer key	* Algebra 1 and Algebra 2 total rewrite * Geometry content from Algebra books removed and a separate Geometry course added * Trigonometry content has been added	* Parent teaches from the scripted Lesson Book; no teacher edition * Each kit will take more than one year to complete. Virtual Kits have 5-year online access	* Video-based curriculum: videos are the "textbook" * Algebra course covers Prealgebra through Algebra 2 * Geometry covers Geometry, Trigonometry, PreCalculus * Each course will take more than one school year to complete * Videotext recommends that students should start from beginning, regardless of previous experience