

MATH

CURRICULA COMPARISON

The following is a comparison between The Good and the Beautiful Math curriculum and six other well-known math programs. The objective of this comparison is not to disparage or belittle any other publisher, but rather to highlight the high academic quality of The Good and the Beautiful Math curriculum. For this reason, the names of the other math programs are not listed. The other six programs listed in the comparison were the most often used math curricula amongst a group of surveyed homeschool parents.

Additionally, the chart lists each of the national math standards in public schools by the applicable grade. Any additional standards from higher grades that are met by The Good and the Beautiful Math are also listed. The Good and the Beautiful does not follow Common Core Standards; however, the following charts demonstrate that The Good and the Beautiful Math both meets and exceeds the standards taught in the public school setting.

NOTE: An "X" on the chart indicates that the concept taught is covered by that specific curriculum. An empty gray space indicates that the math concept is not covered by that specific curriculum at that particular grade level.



Grade K

Concepts Taught/Curriculum Features

The Good and the Beautiful Math Level K

Curriculum A

Curriculum B

Curriculum C

Curriculum D

Curriculum E—Kindergarten level not offered

Curriculum F—Kindergarten level not offered

National Math Standards

NUMBER RECOGNITION

Count by Ones to 100	X	X	X	X	X			Grade K.CC.A.1
Count by Tens to 100	X	X	X	X	X			Grade K.CC.A.1
Recognize What Comes Before and After Any Given Number to Ten	X			X	X			Grade K.CC.A.2
Recognize What Comes Between Two Numbers Up to Ten	X			X				Grade K.CC.A.2
Count On by Ones to 10	X		X	X	X			Grade K.CC.A.2
Locate Numbers on a Number Line	X			X				Grade K.CC.A.2
Identify Missing Numbers in a Sequence	X			X	X			Grade K.CC.A.2
Read and Write Numbers 0–20	X	X	X	X	X			Grade K.CC.A.3
Identify Ordinal Position to Fifth	X	X		X	X			Grade K.CC.B.4
Identify Ordinal Position to Tenth	X			X				Grade K.CC.B.4
Count Sets of Objects	X	X	X	X	X			Grade K.CC.B.4 Grade K.CC.B.5
Instantly Recognize, Without Counting, the Number of Objects Present in a Small Group (Subitizing)	X				X			Grade K.CC.B.5
Identify More and Fewer	X	X		X				Grade K.CC.C.6
Compare Two Sets of Objects Up to Ten to Identify More Than, Less Than, or Equal To	X			X				Grade K.CC.C.6
Compare and Order Numbers to 20	X	X		X	X			Grade K.CC.B.5 Grade K.CC.C.7
Count Backward from 10	X				X			N/A
Recognize and Spell Number Words 1–10	X		X					N/A

OPERATIONS AND ALGEBRAIC THINKING

Use Concrete and Pictorial Models for Addition and Subtraction	X	X		X	X			Grade K.OA.A.1
Add Numbers Using Tally Marks	X			X	X			Grade K.OA.A.1
Add and Subtract Using a Number Line	X			X	X			Grade K.OA.A.1
Understand Simple Subtraction	X		X	X	X			Grade K.OA.A.1
Draw Pictures, Write Number Sentences, and Act Out to Solve Story Problems	X	X		X	X			Grade K.OA.A.1 Grade K.OA.A.2
Identify Addition Equations with Sums of 4, 5, 6, or 7	X				X			Grade K.OA.A.2 Grade K.OA.A.3 Grade K.OA.A.5
Understand Number Bonds and Part-Part-Whole	X				X			Grade K.OA.A.3

Grade K Continued

Add and Subtract Up to 10	X			X				Grade K.OA.A.3
Identify all Addends with a Sum of 10	X		X		X			Grade K.OA.A.4
Fluently Add with a Sum Up to 5	X		X	X	X			Grade K.OA.A.5
Fluently Subtract with a Minuend Up to 5	X		X	X	X			Grade K.OA.A.5
Identify Place Value for Ones	X	X	X	X	X			Grade K.NBT.A.1
Identify Place Value for Tens	X		X	X	X			Grade K.NBT.A.1
Understand Teen Numbers as a Ten Plus Ones	X		X	X	X			Grade K.NBT.A.1
Recognize the Minus Symbol and That it Means "Take Away"	X		X	X	X			Grade 1.OA.C.5
Use Fact Families to Understand Addition and Subtraction	X				X			Grade 1.OA.B.3 Grade 1.OA.C.6 Grade 1.OA.D.7 Grade 1.OA.D.8
Add Number Combinations to 20 (Horizontal and Vertical Format)	X		X	X				Grade 1.OA.C.6
Understand the Plus Symbol and that it Means "Add To"	X		X	X	X			Grade 1.OA.D.7
Identify Missing Addends	X		X		X			Grade 1.OA.D.8
Identify Even and Odd Numbers	X			X	X			Grade 2.OA.A.3
Count by Twos to 20	X	X	X	X	X			Grade 2.OA.A.3
Use Tally Marks to Ten	X		X	X	X			Grade 1.NBT.C.4
Identify Place Value for Hundreds	X		X		X			Grade 2.NBT.A.1
Identify Ordinal Position to Twentieth	X							N/A
Identify Doubles	X	X		X	X			N/A

PATTERNS

Find Patterns in Nature	X							Preparation for Grade 3.OA.D.8
Identify, Read, and Extend Repeating Patterns	X	X		X	X			Preparation for Grade 3.OA.D.8
Identify, Read, and Extend Continuing Patterns	X	X			X			Preparation for Grade 3.OA.D.8
Identify, Read, and Extend Growing Patterns	X				X			Preparation for Grade 3.OA.D.8

GEOMETRY

Recognize Direction and Position of Above, Below, In Front Of, Behind, Next To, Beside, Between, Inside, Outside	X			X	X			Grade K.G.A.1
Identify Similar Shapes	X	X		X	X			Grade K.G.A.2
Identify 2D Geometric Shapes: Circle, Square, Rectangle, Triangle, Hexagon, Pentagon	X	X		X	X			Grade K.G.A.3
Identify 3D Geometric Shapes: Cube, Sphere, Cone, Cylinder	X	X		X	X			Grade K.G.A.3
Identify Congruent Shapes and Designs	X	X			X			Grade K.G.B.4
Sort Common Geometric Shapes	X	X		X	X			Grade K.G.B.4
Compare the Size of Shapes	X	X			X			Grade K.G.B.4

Grade K Continued

Make and Cover Designs Using Pattern Blocks	X	X			X			Grade K.G.B.5
Make and Draw Congruent Shapes and Designs	X	X			X			Grade K.G.B.5
Make and Copy Designs on a Geoboard	X	X			X			Grade K.G.B.5
Compose Simple Shapes to Form Larger Shapes	X				X			Grade K.G.B.6
Identify Left and Right	X	X		X	X			N/A

FRACTIONS

Identify Half of a Whole	X	X		X	X			Grade 1.G.A.3
Divide a Shape or Solid in Half	X	X		X	X			Grade 1.G.A.3
Name and Represent Fractional Parts of a Whole	X	X		X	X			Grade 1.G.A.3
Identify a Whole	X	X		X	X			Grade 1.G.A.3

MEASUREMENT: LENGTH, WEIGHT, AREA

Compare Objects by Length	X	X			X			Grade K.MD.A.1 Grade K.MD.A.2
Order Objects by Length	X	X			X			Grade K.MD.A.2
Compare the Weight of Objects	X	X			X			Grade K.MD.A.2
Measure and Draw Line Segments to the Nearest Inch	X			X	X			Grade 2.MD.A.1
Measure and Draw Line Segments to the Nearest 1/2 Inch	X							Grade 2.MD.A.3
Measure Area Using Non-Standard Units	X				X			N/A
Estimate Area	X		X					N/A
Measure Length Using Non-Standard Units	X	X			X			N/A

MEASUREMENT: TIME

Recognize Analog and Digital Time to the Hour	X			X	X			Grade 1.MD.B.3
Read and Write Time: Hour Intervals	X	X	X	X	X			Grade 1.MD.B.3
Identify the Day of the Week, Month, Date, and Year	X	X						N/A
Write the Date Using Standard U.S. Format	X							N/A
Identify Days of the Week	X	X		X	X			N/A
Identify Months of the Year	X	X		X				N/A
Identify Seasons	X	X		X				N/A
Identify Parts of a Day: A.M., P.M., Morning, etc.	X				X			N/A
Measure Time: Second, Minute, Hour	X		X					N/A
Use a Calendar	X			X				N/A

MEASUREMENT: MONEY

Add Money: Pennies	X			X	X			Grade 2.MD.C.8
Identify and Count Pennies	X	X		X	X			Grade 2.MD.C.8
Recognize the Cent (¢) Sign	X	X		X	X			Grade 2.MD.C.8
Write Money Amounts Using a Cent (¢) Sign	X	X		X	X			Grade 2.MD.C.8
Pay for Items Using Coins	X	X		X	X			Grade 2.MD.C.8

Grade K Continued

Identify and Count Dimes	X	X		X	X			Grade 2.MD.C.8
Show an Amount of Money Using Coins	X	X			X			Grade 2.MD.C.8

MEASUREMENT: GRAPHING

Organize and Compare Data	X	X		X	X			Grade K.MD.B.3
Create and Read a Venn Diagram	X							Grade 1.MD.C.4
Create and Read a Tally Mark Graph	X				X			Grade 1.MD.C.4
Create and Read a Bar Graph	X			X	X			Grade 2.MD.D.10
Create and Read a Pictograph	X	X		X				Grade 2.MD.D.10

PROBLEM SOLVING

Identify a Sorting Rule (by Color, Shape, etc.)	X	X			X			Grade K.MD.B.3
Identify the Missing Number in a Sequence	X			X	X			N/A
Develop Deductive Reasoning—Logic Skills	X				X			N/A

BONUS MATERIALS & CONCEPTS

Make Cross-Curricular Connections: Art, History, Nature, Culture	X							N/A
Memorize and Write Two Phone Numbers	X							N/A
Full Color	X			X				N/A
Open and Go	X	X			X			N/A

PRICE

\$109	\$166	\$136	\$220	\$301			
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Grade 1

Concepts Taught/Curriculum Features

The Good and the Beautiful Math Level 1

Curriculum A

Curriculum B

Curriculum C

Curriculum D

Curriculum E

Curriculum F

National Math Standards

NUMBER RECOGNITION

Recognize and Spell Number Words One to One Hundred	X	X		X	X		X	N/A
Count Backward from 20	X				X			N/A
Identify Numbers 0–120	X	X	X	X	X	X	X	Grade 1.NBT.A.1
Write Numerals 0–100	X	X	X	X	X	X	X	Grade 1.NBT.A.1
Identify Place Value for Ones	X	X	X	X	X	X	X	Grade 1.NBT.B.2
Identify Place Value for Tens	X	X	X	X	X	X	X	Grade 1.NBT.B.2
Understand Expanded Form Up to Tens Place	X			X	X		X	Grade 1.NBT.B.2
Compare Two Sets of Objects Up to Twenty to Identify More Than, Less Than, or Equal To	X	X			X	X	X	Grade 1.NBT.B.3
Correctly Use Comparison Symbols (<, >, =)	X			X	X		X	Grade 1.NBT.B.3
Compare Numbers within 100	X	X			X			Grade 1.NBT.B.3
Identify Ten More Than a Number	X		X		X	X	X	Grade 1.NBT.C.5
Recognize What Comes Before and After Any Given Number to 100	X	X		X	X	X	X	Grade 1.OA.C.5
Recognize What Comes Between Any Two Given Numbers	X	X		X	X	X	X	Grade 1.OA.C.5
Identify Place Value for Hundreds	X	X	X		X	X	X	Grade 2.NBT.A.1.A
Identify Even and Odd Numbers: Single Digit, Double Digit	X	X			X			Grade 2.OA.C.3
Identify Ordinal Numbers Up to One Hundredth	X			X	X			N/A
Identify Missing Numbers on a Hundred Chart	X	X					X	N/A
Understand Basic Estimation	X				X		X	N/A

OPERATIONS AND ALGEBRAIC THINKING

Draw Pictures, Write Number Sentences, and Act Out to Solve Story Problems	X	X		X	X		X	Grade 1.OA.A.1
Understand the Plus Symbol and that it Means "Add To"	X	X	X	X	X	X	X	Grade 1.OA.A.1
Understand "Adding To" and "Putting Together"	X	X	X	X	X	X		Grade 1.OA.A.1
Understand "Taking Away" and "Finding the Difference"	X	X	X	X	X	X	X	Grade 1.OA.A.1
Recognize the Minus Symbol and that it Means "Take Away"	X	X	X	X	X	X	X	Grade 1.OA.A.1
Identify Missing Addends	X	X	X	X	X	X	X	Grade 1.OA.A.1 Grade 1.OA.D.8

Grade 1 Continued

Add Three Single-Digit Numbers (Horizontal and Vertical Format)	X	X		X	X		X	Grade 1.OA.A.2
Identify Fact Families to 15	X	X	X	X	X		X	Grade 1.OA.B.3
Understand Part-Part-Whole in Relation to Addition and Subtraction	X				X		X	Grade 1.OA.B.4
Count and Identify One More than a Number Within 20	X	X		X	X	X		Grade 1.OA.C.5
Count and Identify One Less than a Number Within 20	X	X		X	X	X	X	Grade 1.OA.C.5
Count by Twos to 100; Understand Two More and Two Less	X	X	X	X	X	X		Grade 1.OA.C.5
Add Numbers with a Number Line	X	X		X	X		X	Grade 1.OA.C.5
Count Ten More and Ten Less than Any Given Number	X	X	X	X	X	X	X	Grade 1.OA.C.5
Count "Two Less" Up to 20	X	X	X					Grade 1.OA.C.5
Identify all the Ways to Make Ten Using Addition	X	X			X	X	X	Grade 1.OA.C.6
Identify Doubles with Sums Up to 20	X		X		X			Grade 1.OA.C.6
Basic Addition of Two Numbers (Horizontal and Vertical Format)	X	X	X	X	X	X		Grade 1.OA.C.6
Subtract One-Digit Numbers Up to 10 (Horizontal and Vertical Format)	X	X	X	X	X	X	X	Grade 1.OA.C.6
Compare Equations: Equal or Not Equal	X			X	X		X	Grade 1.OA.D.7
Add a Two-Digit Number with a One-Digit Number Up to 100	X	X		X	X		X	Grade 1.NBT.C.4
Add a Two-Digit Number with Multiples of 10 Up to 100	X	X		X	X		X	Grade 1.NBT.C.4
Identify Ten Less than a Number	X		X		X	X	X	Grade 1.NBT.C.5
Subtract Multiples of 10 from Multiples of 10 Up to 90	X	X					X	Grade 1.NBT.C.6
Mental Math for Addition and Subtraction	X		X		X			Grade 1.NBT.C.5 Grade 2.OA.B.2
Count by Fives to 100	X	X		X	X	X		Preparation for Grade 3.OA.D.8
Compare Equations: Greater Than/Less Than	X				X		X	N/A
Add Amounts Using Graph Data	X	X						N/A
Compare Two Equations to Determine Greater Than, Less Than, or Equal To	X						X	N/A
Subtract with a Number Line	X			X	X		X	N/A
Subtract with Doubles	X		X	X				N/A

PATTERNS

Identify, Read, and Extend More Complex Repeating Patterns	X	X			X	X		Preparation for Grade 3.OA.D.8
Identify, Read, and Extend More Complex Continuing Patterns	X				X	X		Preparation for Grade 3.OA.D.8
Identify, Read, and Extend More Complex Growing Patterns	X				X	X		Preparation for Grade 3.OA.D.8
Identify Even and Odd Numbers as Patterns	X				X			Preparation for Grade 3.OA.D.8
Identify Patterns in Nature	X					X		Preparation for Grade 3.OA.D.8
Identify, Read, and Extend Symmetrical Patterns	X				X			Preparation for Grade 3.OA.D.8

GEOMETRY

Identify 2D Geometric Shapes: Circle, Square, Rectangle, Triangle, Hexagon, Pentagon, Octagon, Ellipse, Trapezoid, Rhombus	X	X					X	Grade 1.G.A.1
Identify Sides and Corners of Plane Shapes	X	X			X			Grade 1.G.A.1
Make and Cover Design Using Tangrams	X						X	Grade 1.G.A.2
Compose Simple Shapes to Form Larger Shapes	X				X		X	Grade 1.G.A.2
Identify 3D Geometric Shapes: Cube, Sphere, Cone, Cylinder, Hemisphere, Pyramid, Rectangular Prism	X	X					X	Grade 1.G.A.2
Create Designated Tangram Designs from Scratch with No Pattern	X							N/A
Identify Lines of Symmetry	X				X			N/A
Identify Parallel Lines	X				X			N/A

FRACTIONS

Identify Half of a Whole	X	X		X	X	X	X	Grade 1.G.A.3
Divide a Shape or Solid in Half	X	X		X	X			Grade 1.G.A.3
Identify One-Fourth of a Whole	X			X	X	X	X	Grade 1.G.A.3

MEASUREMENT: LENGTH AND AREA

Measure Using Non-Standard Units	X	X		X	X		X	Grade 1.MD.A.1
Compare Objects by Length	X	X					X	Grade 1.MD.A.1
Measure and Draw Line Segments to the Nearest Inch	X	X		X	X		X	Grade 1.MD.A.2
Measure Using Feet	X	X						N/A
Estimate Area	X							N/A
Measure Area Using Non-Standard Units	X							N/A

MEASUREMENT: TIME

Read and Write Time: Hour Intervals	X	X	X	X	X	X	X	Grade 1.MD.B.3
Recognize Digital Time: Hour and Minute	X	X	X	X	X	X	X	Grade 1.MD.B.3
Read and Write Time: 30-Minute Intervals	X			X	X	X	X	Grade 1.MD.B.3
Read and Write Time: 15-Minute Intervals	X			X	X			N/A
Read and Write Time: 5-Minute Intervals	X				X	X		Grade 2.MD.C.7
Identify Parts of a Day: A.M., P.M., Morning, etc.	X	X			X	X	X	Grade 2.MD.C.7
Identify Months of the Year	X	X		X	X		X	N/A
Use a Calendar	X	X		X	X		X	N/A
Identify the Number of Days in a Month	X	X		X	X		X	N/A
Write the Date Using Standard U.S. Format	X	X						N/A
Understand That 24 Hours Equals One Day	X				X			N/A
Measure Time: Second, Minute, Hour	X				X		X	N/A
Identify Days of the Week	X	X		X	X	X		N/A

MEASUREMENT: MONEY

Identify and Count Pennies	X	X		X	X		X	Grade 2.MD.C.8
Recognize the Cent (¢) Sign	X	X		X	X		X	Grade 2.MD.C.8
Write Money Amounts Using a Cent (¢) Sign	X	X		X	X		X	Grade 2.MD.C.8
Pay For Items Using Coins	X	X					X	Grade 2.MD.C.8
Identify and Count Nickels	X	X		X	X		X	Grade 2.MD.C.8
Identify and Count Dimes	X	X		X	X		X	Grade 2.MD.C.8
Show an Amount of Money Using Coins	X	X		X	X		X	Grade 2.MD.C.8
Identify and Count Quarters	X	X		X	X		X	Grade 2.MD.C.8
Identify and Count Dollars	X	X						Grade 2.MD.C.8
Recognize the Dollar (\$) Sign	X	X						Grade 2.MD.C.8
Write Money Amount Using a Dollar (\$) Sign	X	X						Grade 2.MD.C.8
Compare Two Different Amounts to Determine Greater Than, Less Than, or Equal To	X						X	N/A
Sort Coins by Value	X	X			X		X	N/A
Add Together Two Different Amounts of Money	X	X		X	X		X	Grade 5.NBT.B.7

MEASUREMENT: GRAPHING

Create and Read a Bar Graph	X	X					X	Grade 1.MD.C.4
Create and Read a Pictograph	X	X					X	Grade 1.MD.C.4
Create and Read a Tally Mark Graph	X							Grade 1.MD.C.4

PROBLEM SOLVING

Use Deductive Reasoning—Logic Skills	X		X				X	N/A
Solve Mathematical Puzzles	X				X		X	N/A

BONUS MATERIALS & CONCEPTS

Cross-Curricular Connections: Art, History, Nature, Culture	X					X		N/A
Full Color	X			X		X	X	N/A
Open and Go	X				X	X		N/A

PRICE

\$109	\$216	\$159	\$230	\$301	\$43	\$120
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