



# **Arithmetic Series**

## **Grade Level Recommendations**

To be used with MathMedia Arithmetic Series Software Programs

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# HOW TO USE THESE CHARTS

## LESSON PLANNING

Each bar on the charts represents a time frame in which the topic is introduced, practiced and mastered.

**Example:**

Grade Level			
1	2	3	4
Introduce		Practice	
			Master

These charts will provide you with a frame work for using MathMedia Arithmetic Software to achieve math curriculum standards.

Please note that topics can be introduced, practiced and mastered concurrently.

## STUDENT PLACEMENT

Use the Level Review sections to place new students at their appropriate level. After taking the Level Review, scores are reported to the LMS (Learning Management System). Based on the score, you may decide to advance the student to the next topics or remediate the student to the previous topics.

## NUMBER SENSE

	K	1	2	3	4	5	6
<b>LEVEL #1</b>							
(00) What is a Number?							
(01) Counting							
(02) Read-Write Numbers							
(03) Expand 2-Digit Numbers							
(04) Compare 2-Digit Numbers							
<b>(05) LEVEL #1 REVIEW</b>							
<b>LEVEL #2</b>							
(06) Place Value - 100, 10, 1							
(07) Sequences							
(08) Compare 3-Digit Numbers							
(09) Ordinal Numbers							
<b>(10) LEVEL #2 REVIEW</b>							
<b>LEVEL #3</b>							
(11) Odds & Evens							
(12) 4-Digit Numbers							
(13) Rounding Numbers							
(14) Roman Numerals							
<b>(15) LEVEL #3 REVIEW</b>							
Advanced Numeration							
Brain Teasers							

\* Pre-Requisite: Number Sense and Addition are to be used concurrently.

## ADDITION

	K	1	2	3	4	5	6
<b>LEVEL #1</b>							
(01) What is Addition?	* Number Sense (01)						
(02) Sums through 10	* Number Sense (02)						
(03) Symbols and Vocabulary		* Number Sense (03)					
(04) Sums through 18		* Number Sense (04)					
<b>(05) LEVEL #1 REVIEW</b>							
<b>LEVEL #2</b>							
(06) 2-Digit Addition		* Number Sense (06) & (07)					
(06A) Learn to "Carry"		* Number Sense (06) & (07)					
(07) 3-Digit Addition			* Number Sense (08) & (09)				
(08) 4-Digit Addition				* Number Sense (12)			
(09) 5-Digit Addition				* Number Sense (13) & Advanced Numeration			
<b>(10) LEVEL #2 REVIEW</b>							
EXTRAS							

## SUBTRACTION

	K	1	2	3	4	5	6
<b>LEVEL #1</b>							
(01) What is Subtraction?	* Addition (01)						
(02) Facts through 10	* Addition (02)						
(03) Symbols and Vocabulary		* Addition (03)					
(04) Facts through 18		* Addition (04)					
<b>(05) LEVEL #1 REVIEW</b>							
<b>LEVEL #2</b>							
(06) 2-Digit Subtraction		* Addition (06)					
(07) Learn to "Borrow"			* Addition (07)				
(08) 3-Digit Subtraction			* Addition (08)				
(09) 4-5 Digit Subtraction				* Addition (09)			
<b>(10) LEVEL #2 REVIEW</b>							
EXTRAS							
Level #1 Addition Quiz		* Addition (05)					
Level #1 Subtraction Quiz		* Subtraction (05)					
Level #2 Addition Quiz			* Addition (10)				
Level #2 Subtraction Quiz			* Subtraction (10)				
<b>PROBLEM SOLVING</b>					* Subtraction (10)		

\* Pre-Requisite: Programs are to be used concurrently.

# MULTIPLICATION

	K	1	2	3	4	5	6
<b>LEVEL #1</b>							
(01) What is Multiplication?		* Addition (01) & (04)					
(02) 1, 2, 5, 10 Facts		* Addition (06)					
(03) 3 and 4 Facts							
(04) 6, 7, 8, 9 Facts							
<b>(05) LEVEL #1 REVIEW</b>							
<b>LEVEL #2</b>							
(06) 11 and 12 Facts				* Addition (07)			
(07) Multiply by 1-digit							
(08) Factors/Products/Multiples							
(09) Multiply by 10, 100, 1000							
<b>(10) LEVEL #2 REVIEW</b>							
<b>LEVEL #3</b>							
(11) Multiply by 2-digits						* Addition (06)	
(12) Multiply by 3-digits						* Addition (09)	
(13) Prime Factors							
(14) Exponents							
<b>(15) LEVEL #3 REVIEW</b>							
A First Look at Geometry				* Multiplication (11)			
Fact Families				* Multiplication (06)			
Mental Tricks					* Multiplication (15)		
The Concept of Time		* Addition (EXTRAS)					

# DIVISION

	K	1	2	3	4	5	6
<b>LEVEL #1</b>							
(01) What is Division?			* Multiplication (01)				
(02) 1, 2, 5, 10 Facts			* Multiplication (02)				
(03) 3 and 4 Facts				* Multiplication (03)			
(04) 6, 7, 8, 9 Facts				* Multiplication (04)			
<b>(05) LEVEL #1 REVIEW</b>							
<b>LEVEL #2</b>							
(06) Short Division				* Multiplication (07) & (08)			
(07) Divide by 10				* Multiplication (09)			
(08) Divisibility Rules				* Multiplication (13)			
(09) Long Division							
<b>(10) LEVEL #2 REVIEW</b>							
<b>LEVEL #3</b>							
(11) Averages							
(12) Order of Operations							
(13) Probability							
(14) Charts and Graphs							
<b>(15) LEVEL #3 REVIEW</b>							
Word Problems							