



A

The checkboxes on the right side below may be used to help you record student progress. For example, you can record quarterly grades, or you can indicate level of skill development (not yet begun, beginning, developing, mastered).

Lesson	Number	Objective	~	~	~	~
1	AL.1.a	Model a number up to 3 digits with manipulatives (units, tens, and hundreds)				
1	AL.1.b	Use words to write a number up to 3 digits (units, tens, and hundreds)				
1	AL.1.c	Write a number up to 3 digits (units, tens, and hundreds)				
2	AL.2.a	Use words to write the numbers 0-20 (orally)				
2	AL.2.b	Write the numbers 0-20				
3	AL.3.a	Identify the value of each manipulative block by color				
3	AL.3.b	Represent numbers 0-9 with manipulative blocks				
4	AL.4.a	Identify addition symbol and equal symbol				
4	AL.4.b	Solve +0 problems written horizontally and vertically				
4	AL.4.c	Solve addition word problems				
5	AL.5. α	Represent addition with the manipulative blocks				
5	AL.5.b	Add 1 to any number less than ten by using blocks, by counting on, and by memory				
5	AL.5.c	Demonstrate the Commutative Property of Addition by using the manipulatives				
6	AL.6.a	Count to 100 (and 120)				
6	AL.6.b	Count by 10s				
7	AL.7. α	Add 2 to make any sum up to 10				
7	AL.7.b	Add multiples of 10				
7	AL.7.c	Add multiples of 100				

Math-U-See: Alphα Objectives List | Page 1



Lesson	Number	Objective	~	~	~	~
8	AL.8.a	Find the missing number in an addition equation, using the manipulatives as needed				
9	AL.9.a	Add 9 to any single-digit number				
10	AL.10.a	Add 8 to any single-digit number				
11	AL.11.a	Identify a triangle				
11	AL.11.b	Identify a circle				
11	AL.13.c	Count by 2s				
12	AL.12.a	Fluently add the doubles facts				
13	AL.13.a	Identify a square				
13	AL.13.b	Identify a rectangle				
13	AL.13.c	Count by 5s				
14	AL.14.a	Fluently add the +1 facts				
15	AL.15.a	Fluently add two numbers that make 10				
15	AL.15.b	Decompose 10 into pairs of facts				
16	AL.16.a	Fluently add two numbers that make 9				
16	AL.16.b	Decompose 9 into pairs of facts				
17	ΑL.17.α	Fluently add the "extra" addition facts				
18	AL.18.a	Understand subtraction as the opposite of addition (unknown addend problem)				
18	AL.18.b	Solve a subtraction problem using the manipulatives				
19	AL.19.a	Fluently subtract 1 and 0				
19	AL.19.b	Fluently subtract two numbers with a difference of 1 or 0				
19	AL.19.c	Check a subtraction problem by adding up				
20	AL.20.a	Fluently subtract 2				
20	AL.20.b	Fluently subtract two single-digit numbers with a difference of 2				

Math-U-See: Alphα Page 2



Lesson	Number	Objective	~	~	~	~
20	AL.20.c	Subtract multiples of 10				
21	ΑL.21.α	Fluently subtract 9 using "adding up" strategy				
22	ΑL.22.α	Fluently subtract 8 using "adding up" strategy				
23	ΑL.23.α	Fluently subtract the "doubles" subtraction facts				
24	ΑL.24.α	Fluently subtract any number from 10, using familiarity with "making ten"				
25	ΑL.25.α	Fluently subtract any number from 9 using familiarity with "making nine"				
26	ΑL.26.α	Fluently subtract the "extra" subtraction facts (7 - 3, 7 - 4, 8 - 5, 8 - 3)				
27	ΑL.27.α	Fluently subtract 7 using "adding up" strategy				
28	ΑL.28.α	Fluently subtract 6 using "adding up" strategy				
29	ΑL.29.α	Fluently subtract 5 using "adding up" strategy				
30	ΑL.30.α	Fluently subtract 3 and 4 using "adding up" strategy				
App. A	AL.A.a	Write the minutes indicated by a block clock or analog clock				
App. B	AL.B.a	Write the time (hours and minutes) indicated by a block clock or analog clock				

Math-U-See: Alphα Page 3