

Scoring With Kids



A roster of ideas that parents may choose to use with their children.

Flashcards Are Fun

Using math flashcards to play games of "Fish" or "Concentration" can be fun as well as extra practice for your child.

Do you know the Carroll County Public Schools expectations for basic fact memorization? Listed below are the expectations as well as the math facts.

Grade 1 Expectation - by the end of grade 1, students will have memorized all the **addition facts** with addends* to 10 and sums* to 10.

0+0	0+6	1+2	1+8	2+6	3+6
0+1	0+7	1+3	1+9	2+7	3+7
0+2	0+8	1+4	2+2	2+8	4+4
0+3	0+9	1+5	2+3	3+3	4+5
0+4	0+10	1+6	2+4	3+4	4+6
0+5	1+1	1+7	2+5	3+5	5+5

By the end of grade 1, students will have memorized all **subtraction facts** with minuends* to 5.

5-0	5-4	4-2	3-1	2-1	0-0
5-1	5-5	4-3	3-2	2-2	
5-2	4-0	4-4	3-3	1-0	
5-3	4-1	3-0	2-0	1-1	

Grade 2 Expectation - by the end of grade 2, students will have memorized all **addition facts** with addends* to 10 and sums* to 15.

1+10	3+9	4+9	5+8	6+7	7+8
2+9	3+10	4+10	5+9	6+8	
2+10	4+7	5+6	5+10	6+9	
3+8	4+8	5+7	6+6	7+7	

By the end of grade 2, students will have memorized all **subtraction facts** with minuends* to 10.

6-0	6-1	6-2	6-3	6-4	6-5
6-6	7-6	8-5	9-3	10-0	10-7
7-0	7-7	8-6	9-4	10-0	10-6
7-1	8-0	8-7	9-5	10-1	10-7

7-2	8-1	8-8	9-6	10-2	10-8
7-3	8-2	9-0	9-7	10-3	10-9
7-4	8-3	9-1	9-8	10-4	10-10
7-5	8-4	9-2	9-9	10-5	

Grade 3 Expectation - by the end of grade 3, students will have memorized all **addition facts** with addends* to 10 and sums* to 18.

10+6	10+7	10+8	8+8	8+9	9+9
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By the end of grade 3, students will have memorized all **subtraction facts** with differences* to 10, minuends* to 18, and subtrahends* to 10.

11-1	11-10	12-10	14-4	15-7	17-7
11-2	12-2	13-3	14-5	15-8	17-8
11-3	12-3	13-4	14-6	15-9	17-9
11-4	12-4	13-5	14-7	15-10	17-10
11-5	12-5	13-6	14-8	16-6	18-8
11-6	12-6	13-7	14-9	16-7	18-9
11-7	12-7	13-8	14-10	16-8	18-10
11-8	12-8	13-9	15-5	16-9	
11-9	12-9	13-10	15-6	16-10	

By the end of grade 3, students will have memorized all **multiplication facts** up to and including the 5's table.

5x5	4x7	3x8	2x8	1x7	0x5
5x6	4x8	3x9	2x9	1x8	0x6
5x7	4x9	3x10	2x10	1x9	0x7
5x8	4x10	2x2	1x1	1x10	0x8
5x9	3x3	2x3	1x2	0x0	0x9
5x10	3x4	2x4	1x3	0x1	0x10
4x4	3x5	2x5	1x4	0x2	
4x5	3x6	2x6	1x5	0x3	
4x6	3x7	2x7	1x6	0x4	

Turn over for grades 4 and 5.

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Grade 4 Expectation - while in grade 4, students are expected to retrieve from memory all **addition facts** with addends* to 10 and sums* to 18. While in grade 4, students are expected to retrieve from memory all **subtraction facts** with differences* to 10, minuends* to 18 and subtrahends* to 10. By the end of grade 4, students will have memorized all **multiplication facts** up to and including the 10's table.

6x6 6x9 7x8 8x8 9x9
6x7 6x10 7x9 8x9 9x10
6x8 7x7 7x10 8x10 10x10

By the end of grade 4, students will have memorized all **division facts** with divisors* to 10 and quotients* to 10.

100) 10	64) 8	12) 6
90) 10	56) 8	6) 6
80) 10	48) 8	25) 5
70) 10	40) 8	20) 5
60) 10	32) 8	15) 5
50) 10	24) 8	10) 5
40) 10	16) 8	5) 5
30) 10	8) 8	16) 4
20) 10	49) 7	12) 4
10) 10	42) 7	8) 4
81) 9	35) 7	4) 4
72) 9	28) 7	9) 3
63) 9	21) 7	6) 3
54) 9	14) 7	3) 3
45) 9	7) 7	4) 2
36) 9	36) 6	2) 2
27) 9	30) 6	1) 1
18) 9	24) 6	0) 1
9) 9	18) 6	

Grade 5 Expectation - while in grade 5, students will be able to retrieve from memory:

- All **addition facts** with addends* to 10 and sums* to 18.
- All **subtraction facts** with differences* to 10, minuends* to 18 and subtrahends* to 10.
- All **multiplication facts** up to the 10's table.
- All **division facts** with divisors* to 10 and quotients* to 10.

$$1 + 9 = 10$$

(addend) (addend) (sum)

$$18 - 10 = 8$$

(minuend) (subtrahend) (difference)

$$90 \) \ 10 = 9$$

(divisors) (quotients)