

DIGITAL MULTIPLICATION

MULTIPLICATION PRACTICE FOR BASIC FACTS

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WORKING WITH GROUPS

Three panels of multiplication problems using groups of 'x' marks in circles and empty equations.

AREA

A grid showing area models for multiplication. The legend below the grid shows colored squares labeled m^2 .

About This Resource

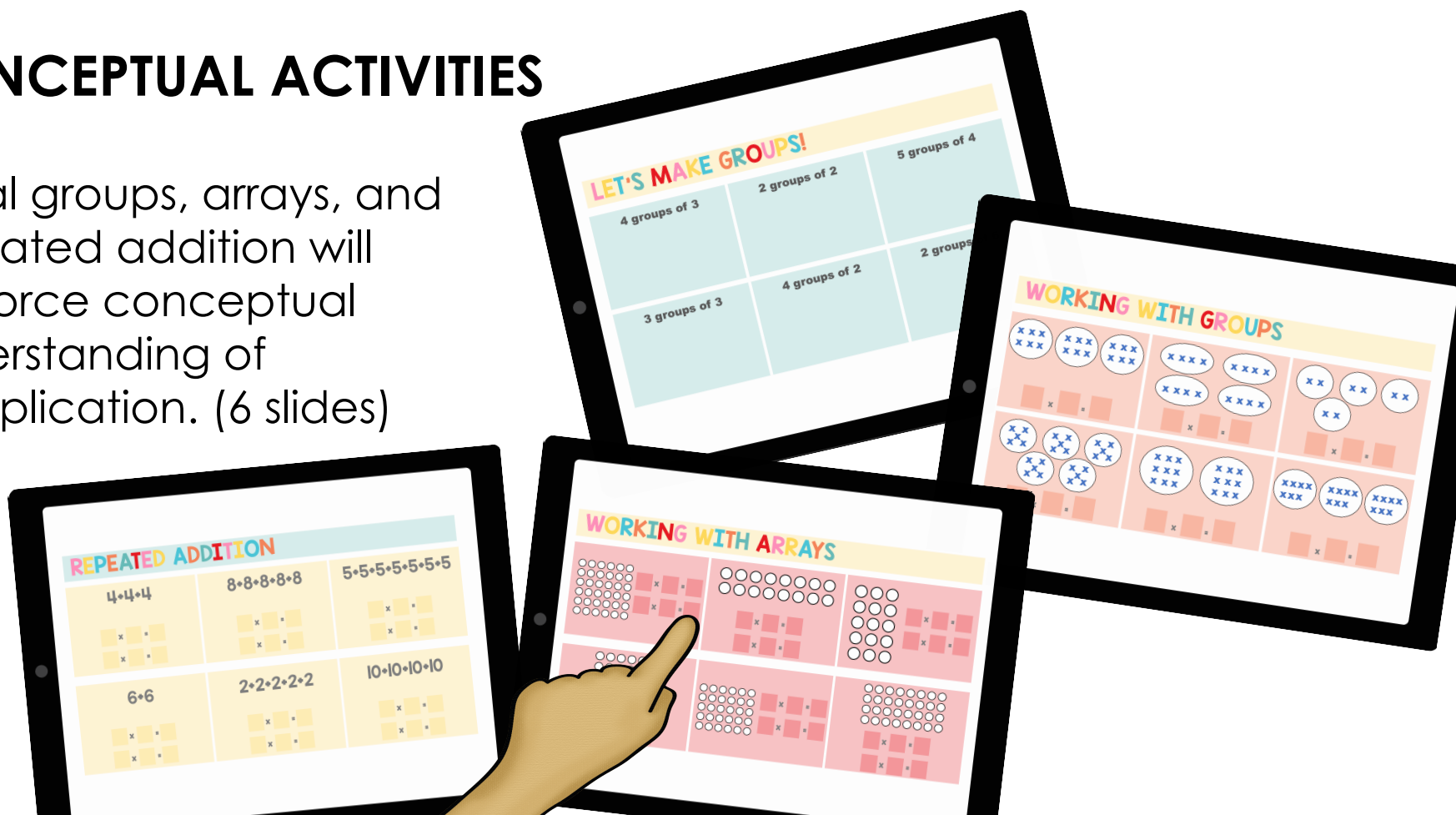
This digital multiplication resource is in Google Slides™ format, making it compatible with Google Classroom™. This resource is only intended for digital learning; there is no PDF document included.

What's Included?

Inside, you will find over 100 slides of multiplication activities. Assign a few at a time to your students depending on which skills you are working on.

CONCEPTUAL ACTIVITIES

Equal groups, arrays, and repeated addition will reinforce conceptual understanding of multiplication. (6 slides)



Students will work with patterns in multiplication using a hundred chart. (3 slides)

MULTIPLICATION PATTERNS: x5

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Skip-count by 5's. Use the bingo chips over there to cover the boxes.

Describe the pattern that you see.

Complete the skip-counting sequence.
5, _____
_____, 50

Explain how you could use skip-counting to solve 6×5 .

Multiplication problems will enhance real understanding and give students a chance to see how multiplication is used in real life. (10 slides)

SOLVE THE PROBLEM

Show how you solved this problem:

Andrew needs 50 pieces of pizza for his family gathering. Each pizza has 8 slices. If he makes 7 pizzas, will he have enough for his family?



Write a sentence to answer the problem.

SOLVE THE PROBLEM

Show how you solved this problem:

Katie has 3 packages of seeds. She estimates that there are 9 seeds in each package, but when she counts them she finds that there are only 8. How many seeds does she have in all?



Write a sentence to answer the problem.

Students will think about how many ways they can make numbers. (6 slides)

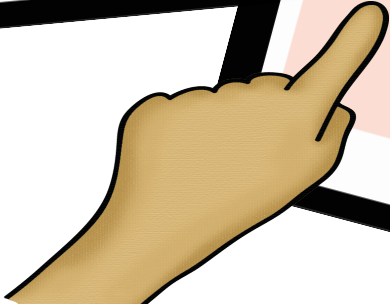
MULTIPLICATION SENTENCES

$4 \times 3 = 12$

MAKE THIS NUMBER

MAKE 12

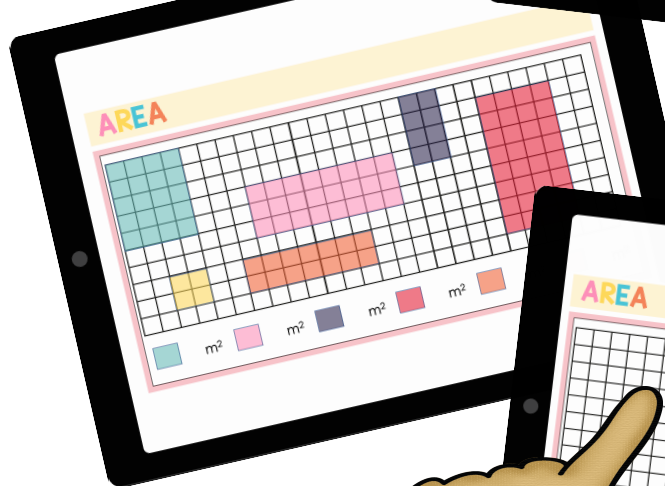
MAKE 20



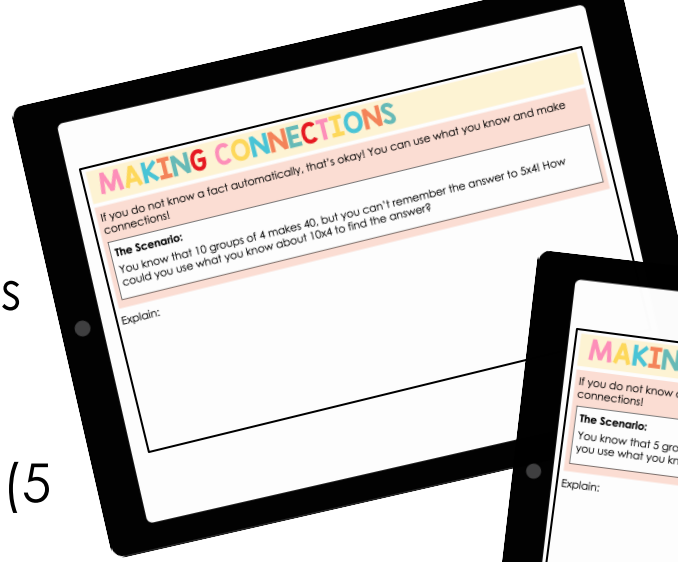
Investigations will encourage students to think conceptually about the meaning of multiplication, make connections between facts, and use arrays to provide proof. (3 slides)

Math mats can be used for students to represent multiplication in different ways, including as a skip-counting sequence, repeated addition, an array, and equal groups. Students will also think of a nearby related fact. (10 slides)

Multiplication will be related to area to provide additional practice with transitioning from array to grid. (6 slides)

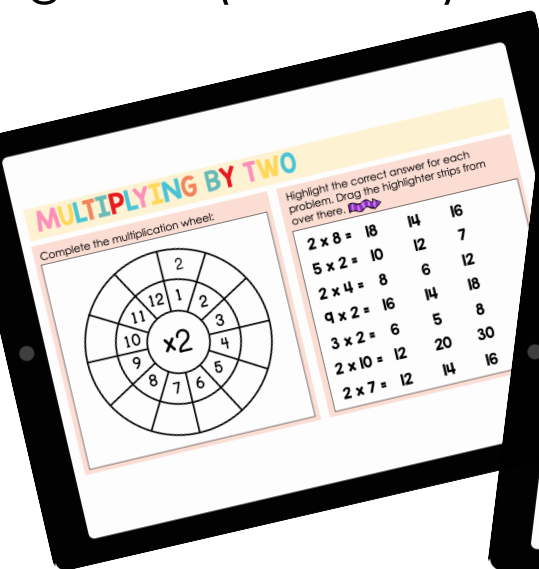


Making connections are essential for a good understanding of multiplication! These activities will encourage students to make those important connections between facts. (5 slides)



FACT PRACTICE ACTIVITIES

Fact practice activities are provided for each set of facts from 0-10. These follow the strategic order that I recommend in [this blog post](#), as well as the same order used in [The Multiplication Station](#). Activities for each set of facts include fact practice, highlighting the correct answer, relating to arrays, missing factors, and an interactive memory game. (42 slides)



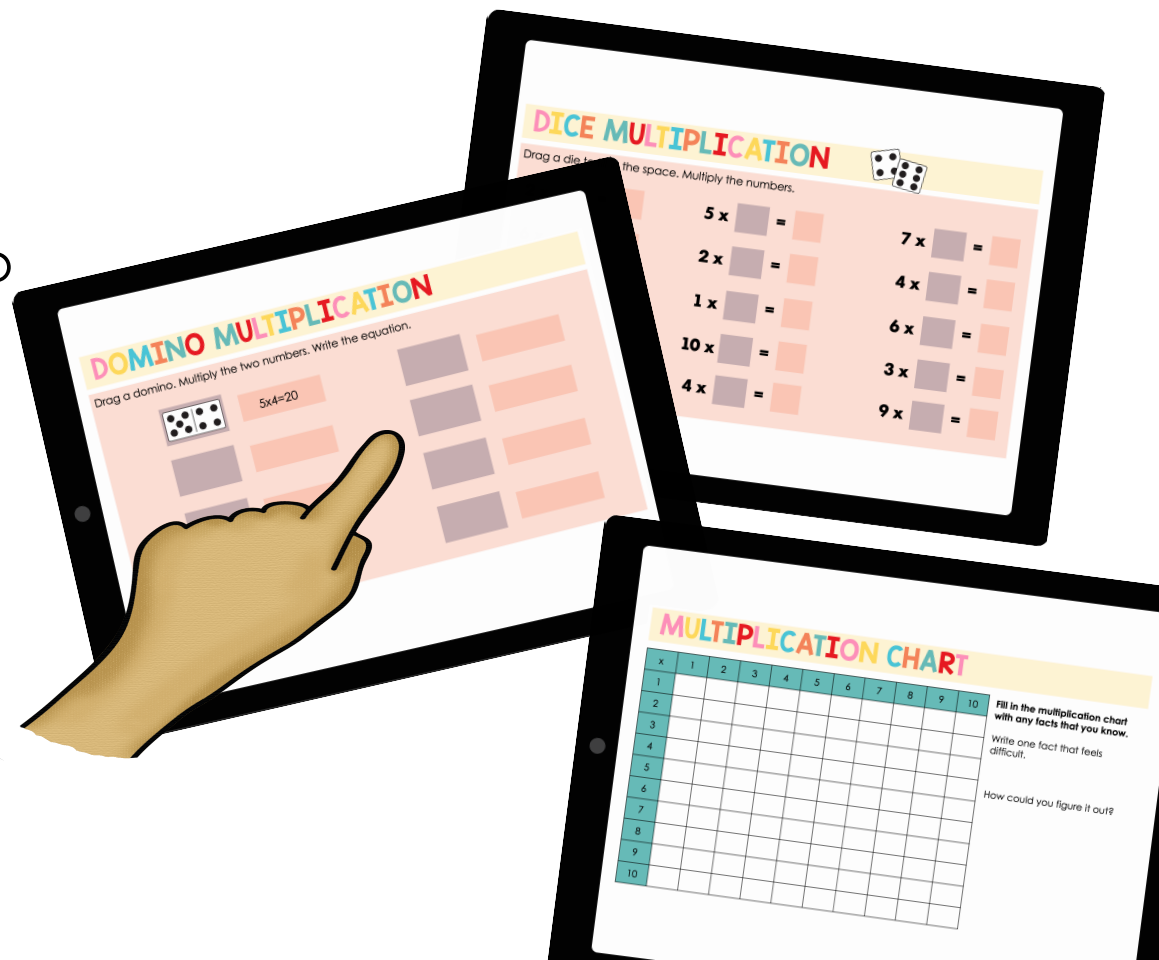
STRATEGY VIDEOS

If your students need a little recap of multiplication strategies, I've embedded a video for each set of facts right into the slide. These videos play using YouTube and include myself explaining strategies and relationships between facts. (10 slides/videos)



OTHER ACTIVITIES

Other fun activities include Dice Multiplication, Domino Multiplication, and a multiplication chart. (4 slides)



BLANK TEMPLATES

I've also included blank templates for you to make activities using your own facts/numbers. (6 slides)



That's over 100 useable student slides to reinforce multiplication!