

MATH SKETCH NOTES

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These 3rd-grade math sketch notes (AKA doodle pages) are a powerful learning and teaching tool. They cover essential math concepts and procedures for students in a visually appealing way. You can use this resource to supplement any math curriculum, and they are perfect for previewing/pre-teaching or reviewing/reinforcing.

These sketch pages are like mini anchor charts that your students actively create and can be referred to in the future.

WHAT'S INCLUDED:

- Blank student note page
(two sizes: 8.5 x 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

Guiding your students through the note-taking process is so easy and requires almost zero preparation!

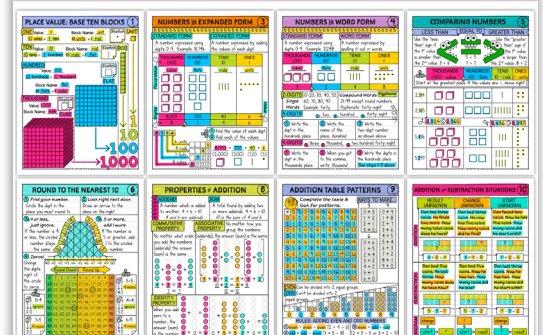
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

WHY SKETCH?

Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the content and leaves little room for distraction.

GET THE BUNDLE!!!

THIRD GRADE MATH GUIDED SKETCH NOTES



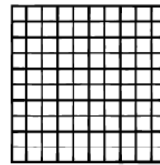
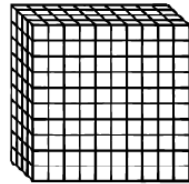
GROWING BUNDLE!!!

MATH SKETCH NOTES

MULTIPLY BY 1, 10, 100, and 1,000 (25)

Set 3

THINK:
What
patterns do
you notice?



THOUSANDS
1,000 - cubes

HUNDREDS
100 - flats

TENS
10 - rods

ONES
1 - units

$$3 \times 1 = 3$$

$$3 \times 10 = 30$$

$$3 \times 100 = 300$$

$$3 \times 1,000 = 3,000$$

...

|||



$\times 1,000$

$\times 100$

$\times 10$

$\times 1$

$$3 \times 1,000 = 3,000$$

$$3 \times 100 = 300$$

$$3 \times 10 = 30$$

$$3 \times 1 = 3$$

EACH DIGIT SHIFTS TO THE LEFT...

3 places.

2 places.

1 place.

0 places.

TH H T O

$$8 \times 1 = 8$$

$$8 \times 10 = 80$$

$$8 \times 100 = 800$$

$$8 \times 1,000 = 8,000$$

TH H T O

$$5 \times 1 = 5$$

$$5 \times 10 = 50$$

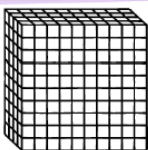
$$5 \times 100 = 500$$

$$5 \times 1,000 = 5,000$$

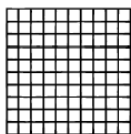
GRADE 3

MULTIPLY BY 1, 10, 100, and 1,000 (25)

THINK:
What
patterns do
you notice?



THOUSANDS
1,000 - cubes



HUNDREDS
100 - flats



TENS
10 - rods

$$3 \times 1 = 3$$

$$3 \times 10 = 30$$

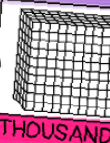
$$3 \times 100 = 300$$

$$3 \times 1,000 =$$

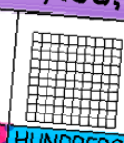


MULTIPLY BY 1, 10, 100, and 1,000 (25)

THINK:
What
patterns do
you notice?



THOUSANDS
1,000 - cubes



HUNDREDS
100 - flats



TENS
10 - rods



ONES
1 - units

$$3 \times 1 = 3$$

$$3 \times 10 = 30$$

$$3 \times 100 = 300$$

$$3 \times 1,000 =$$



2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



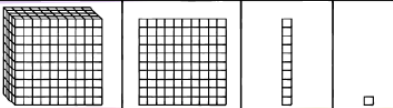
$8 \times 1 =$	8	$5 \times 1 =$	5
$8 \times 10 =$	80	$5 \times 10 =$	50
$8 \times 100 =$	800	$5 \times 100 =$	500
$8 \times 1,000 =$	8,000	$5 \times 1,000 =$	5,000

$8 \times 100 =$	800	$5 \times 10 =$	50
$8 \times 1,000 =$	8,000	$5 \times 100 =$	500
		$5 \times 1,000 =$	5,000

STEP-BY-STEP POWERPOINT

MULTIPLY BY 1, 10, 100, and 1,000 (25)

THINK: What patterns do you notice?



THOUSANDS - flats	HUNDREDS - rods	TENS - rods	ONES - units
			...

$\times 1,000$	$\times 100$	$\times 10$	$\times 1$
$3 \times 1,000 = 3,000$	$3 \times 100 = 300$	$3 \times 10 = 30$	$3 \times 1 = 3$

EACH DIGIT SHIFTS TO THE LEFT...

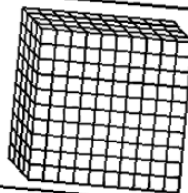
3 places	2 places	1 place	0 places
$8 \times 1 = 8$	$5 \times 1 = 5$		
$8 \times 10 = 80$	$5 \times 10 = 50$		
$8 \times 100 = 800$	$5 \times 100 = 500$		
$8 \times 1,000 = 8,000$	$5 \times 1,000 = 5,000$		



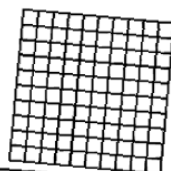
MULTIPLY BY 1, 10, 100, and 1,000 (25)

Set 3

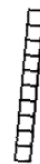
THINK:
What
patterns do
you notice?



THOUSANDS
1,000 - cubes



HUNDREDS
100 - flats



TENS
10 - rods



ONES
1 - units

$$3 \times 1 = 3$$

$$3 \times 10 = 30$$

$$3 \times 100 = 300$$

$$3 \times 1,000 = 3,000$$

$\times 1,000$

DETAILED ANSWER KEY

$$3 \times 1,000 = 3,000$$

$$3 \times 100 = 300$$

$$3 \times 10 = 30$$

$$3 \times 1 = 3$$

EACH DIGIT SHIFTS TO THE LEFT...

3 places.

2 places.

1 place.

0 places.

$$8 \times 1 =$$

$$8 \times 10 =$$

$$8 \times 100 =$$

$$8 \times 1,000 =$$

TH	H	T	O
			8
		8	0
	8	0	0
8	0	0	0

$$5 \times 1 =$$

$$5 \times 10 =$$

$$5 \times 100 =$$

$$5 \times 1,000 =$$

TH	H	T	O
			5
		5	0
	5	0	0
5	0	0	0