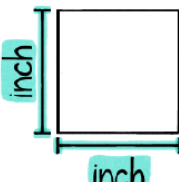
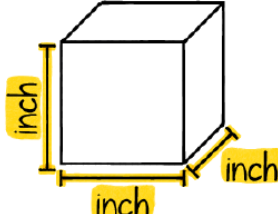


# MATH SKETCH NOTES

| UNITS OF MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 73<br>Set 5 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <p>THINK...<br/>1 dimension is measured, so length is 1 dimensional</p> <p><b>1D</b></p> <p><b>LINEAR UNITS</b></p> <p>X<sup>1</sup> "understood one"<br/>It's there, but we don't write it.</p> <p><br/>1 linear inch<br/><math>\text{in.} = \text{in.}^1</math></p> <p><b>Used to measure</b><br/>...length, which is the measurement of how long something is from end to end</p> <p><b>Examples:</b> height of a building, perimeter (fences, base boards, picture frame)</p> | <p>THINK...<br/>2 dimensions are measured, so area is 2 dimensional.</p> <p><b>2D</b></p> <p><b>SQUARE UNITS</b></p> <p><br/>1 square inch<br/><math>\text{in.} \times \text{in.} = \text{in.}^2</math></p> <p><b>Used to measure</b><br/>...area, which is the amount space <i>inside</i> of a closed figure (shape)</p> <p><b>Examples:</b> carpet, tile, wallpaper, grass on a field/yard, wrapping paper</p> | <p>THINK...<br/>3 dimensions are measured, so volume is 3 dimensional.</p> <p><b>3D</b></p> <p><b>CUBED UNITS</b></p> <p><br/>1 cube inch<br/><math>\text{in.} \times \text{in.} \times \text{in.} = \text{in.}^3</math></p> <p><b>Used to measure</b><br/>...volume, which is the capacity that an object holds or space it takes up.</p> <p><b>Examples:</b> water in a box can hold</p> |             |
| <b>GRADE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |

**GRADE 5**

# MATH SKETCH NOTES

## MATH SKETCH NOTES

These 5th-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!

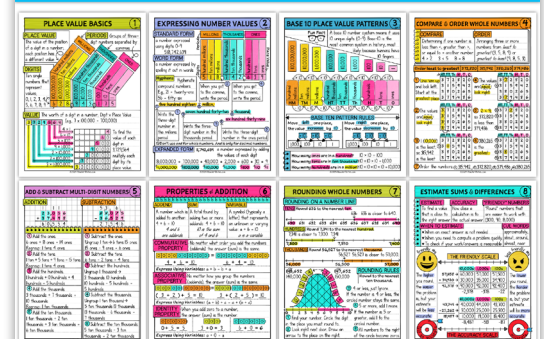
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

## WHY SKETCH?

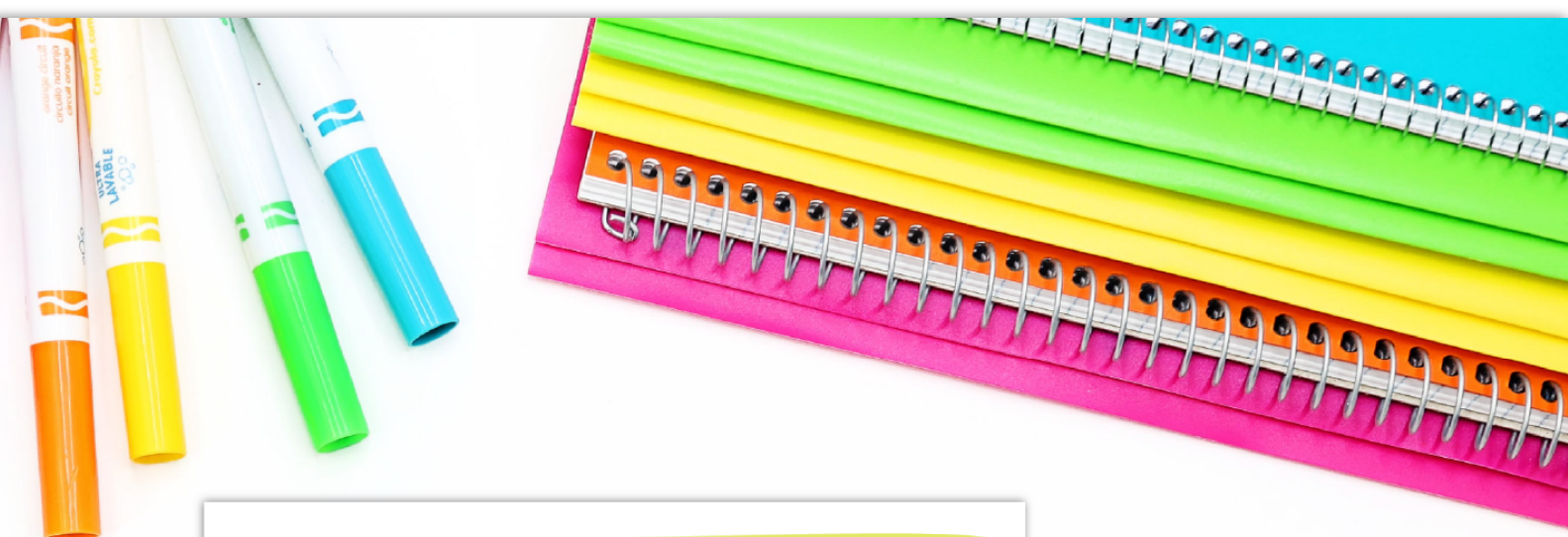
Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the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

## GET THE BUNDLE!!!

### FIFTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE



**UNITS OF MEASUREMENT** **73** Set 5

THINK...  
1 dimension is measured, so length is 1 dimensional

**1D**

**LINEAR UNITS**

X "understood one" It's there, but we don't write it.

inch

THINK...  
2 dimensions are measured, so area is 2 dimensional.

**2D**

**SQUARE UNITS**

inch

THINK...  
3 dimensions are measured, so volume is 3 dimensional.

**3D**

**CUBED UNITS**

inch

**UNITS OF MEASUREMENT** **73** Set 6

THINK...  
1 dimension is measured, so length is 1 dimensional

**1D**

**LINEAR UNITS**

X "understood one" It's there, but we don't write it.

inch

THINK...  
2 dimensions are measured, so area is 2 dimensional.

**2D**

**SQUARE UNITS**

inch

THINK...  
3 dimensions are measured, so volume is 3 dimensional.

**3D**

**CUBED UNITS**

inch

# 2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



**Examples:** height of a building, perimeter (fences, base boards, picture frame)

**Examples:** carpet, tile, wallpaper, grass on a field/yard, wrapping paper

**Examples:** a pool, sandbox, a box can

(fences, base boards, picture frame)

wallpaper, grass on a field/yard, wrapping paper

a pool, sand in a sandbox, how much a box can hold

# STEP-BY-STEP POWERPOINT

**UNITS OF MEASUREMENT** 73  
Set B

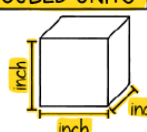
THINK...  
1 dimension is measured, so length is 1 dimensional.

THINK...  
2 dimensions are measured, so area is 2 dimensional.

THINK...  
3 dimensions are measured, so volume is 3 dimensional.

## 3D

CUBED UNITS



1 cube inch

|                                                                                                        |                                                                                                       |                                                                                                       |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| $1\text{ in} = 1\text{ in}^1$                                                                          | $1\text{ in} \times 1\text{ in} = 1\text{ in}^2$                                                      | $1\text{ in} \times 1\text{ in} \times 1\text{ in} = 1\text{ in}^3$                                   |
| <b>Used to measure</b><br>...length, which is the measurement of how long something is from end to end | <b>Used to measure</b><br>...area, which is the amount space <i>inside</i> of a closed figure (shape) | <b>Used to measure</b><br>...volume, which is the capacity that an object holds or space it takes up. |
| <b>Examples:</b> height of a building, perimeter (fences, base boards, picture frame)                  | <b>Examples:</b> carpet, tile, wallpaper, grass on a field/yard, wrapping paper                       | <b>Examples:</b> water in a pool, sand in a sandbox, how much a box can hold                          |

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# UNITS OF MEASUREMENT

73  
Set 5

THINK...

1 dimension is measured, so length is 1 dimensional

1D

LINEAR UNITS

X 1 "understood one"  
It's there, but we don't write it

1 inch  
1 linear inch  
in = in.

Used to measure

...length, which is the measurement of how long something is from end to end

Examples: height of a building, perimeter (fences, base boards, picture frame)

THINK...

2 dimensions are measured, so area is 2 dimensional.

2D

SQUARE UNITS



Used to measure

...area, which is the amount space inside of a closed figure (shape)

Examples: carpet, tile, wallpaper, grass on a field/yard, wrapping paper

THINK...

3 dimensions are measured, so volume is 3 dimensional.

3D

CUBED UNITS



Used to measure

...volume, which is the capacity that an object holds or space it takes up.

Examples: water in a pool, sand in a sandbox, how much a box can hold

DETAILED ANSWER KEY

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