

MEASUREMENT

interactive NOTEBOOK

5TH GRADE

This unit includes
22 different
measurement
activities

math



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Table of Contents with each activity listed for quick reference.

CHOOSE THE BEST UNIT

Choose the best unit to measure the object listed on each flap. Then, write another object that could be measured in that unit under the flap.

the length of
a worm

CENTIMETERS
OR
METERS

the height of
a tree

INCHES
OR
FEET

a tank of
gasoline

OUNCES
OR
GALLONS

a paperclip

GRAMS
OR
KILOGRAMS

NOT so
wimpy
Teacher

A great tool for practicing new skills and assessing mastered skills



Super-simple cuts and no unnecessary coloring

CONVERTING UNITS FLAPS

- Each student will need one page of flaps. Multiple templates are included to allow for differentiation.

- Cut out the rectangular title at the top of the page.

- Then, cut out the large square with all the flaps inside.

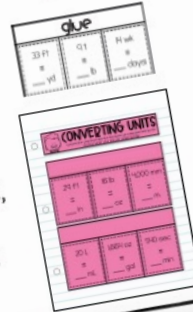
- Next, cut horizontally between the sets of flaps to get two separate sets of flaps.

- Carefully cut between each flap, stopping before the blank strip at the top.

- Apply glue to the underside of the thick blank strip on each set of flaps.

- The flaps should be glued below the title, with the blank strip on the top of each set of flaps glued to the notebook page so that the flaps open upward.

CONVERTING UNITS



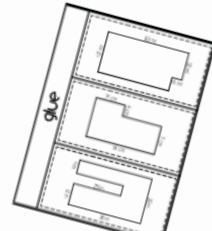
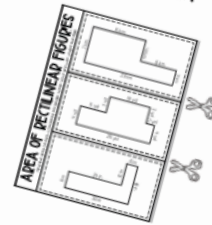
AREA OF RECTILINEAR FIGURES FLAPS

- Each student will need one page of flaps. Multiple templates are included to allow for differentiation.

- Cut out the large rectangle with the three flaps.

- Cut between each flap to stop before the left.

- Apply glue to the underside of the thick blank strip.



Detailed cutting and gluing directions for each activity page

AREA OF THE BASE

Find the area of the base of each rectangular prism.

<p>2 in. 3 in.</p>	<p>12 mm 5 mm</p>
<p>8 cm 8 cm</p>	<p>6 ft. 4 ft.</p>

AREA OF THE BASE

Find the area of the base of each rectangular prism.

<p>13 in.</p>	<p>24 mm 21 mm</p>
<p>8 cm</p>	<p>4 ft. 4 ft.</p>

Multiple versions of most activities allow for differentiation.

ANSWER KEY

VOLUME IN CUBIC UNITS

Find the volume of each rectangular prism by counting the cubic units. Write the volume under the bar.

4 cubic units	12 cubic units
30 cubic units	18 cubic units
4 cubic units	64 cubic units

VOLUME IN CUBIC UNITS

Find the volume of each rectangular prism by counting the cubic units. Write the volume under the bar.

25 cubic units	36 cubic units
36 cubic units	96 cubic units
8 cubic units	125 cubic units

VOLUME IN CUBIC UNITS

Find the volume of each rectangular prism by counting the cubic units. Write the volume under the bar.

50 cubic units	100 cubic units
63 cubic units	192 cubic units
32 cubic units	1,000 cubic units

ANSWER KEY

120 ft³

mm³

VOLUME EQUALS BASE TIMES HEIGHT

952 ft³

378 mm³

3,588 in³

2,750 m³

729 yd³

0 ft³

m³

1,716 in³

Activity answer keys included for easy checking.