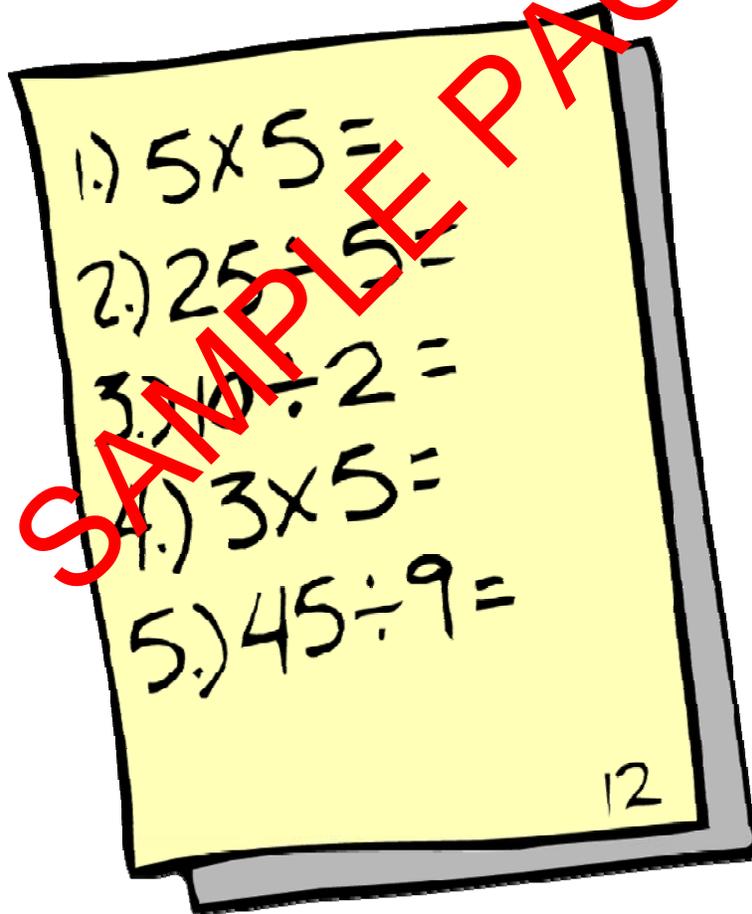




Fifth Grade

Daily Helpers

Math



A Journey Through Learning
www.ajourneythroughlearning.com



**Authors-Paula Winget and Nancy Fieccia
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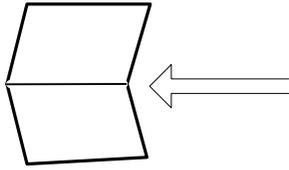
**While you are there, sign up for our email newsletter and
receive a FREE lapbook!
You'll also receive great discount codes, special offers, find out
what's new and what's to come!**

Join us on Facebook!

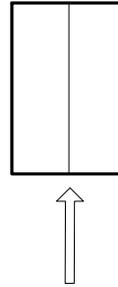
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Things to Know

Hamburger Fold-Fold horizontally



Hotdog Fold-Fold vertically



Dotted Lines-These are the cutting lines.

Accordion Fold-This fold is like making a paper fan. Fold on the first line so that title is on top. Turn over and fold on next line so that title is on top again. Turn over again and fold again on the next line so that title is on top. Continue until all folds are done.

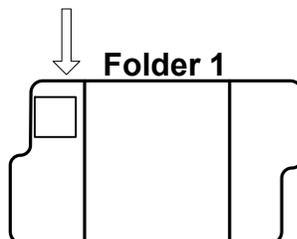
Cover Labels-Most of the booklets that are folded look nicer with a label on top instead of just a blank space. They will be referred to as "cover label."

What are Daily Helpers?

Are you limited in wall space to put educational posters? Like most homes, you probably do not have a huge place for bulletin boards either. Well, neither do we! That's why we decided to create Daily Helpers. Daily Helpers are made by gluing cute learning templates into colorful specially-folded file folders (folding directions are on next page). They are used alongside your child's school program to help your child master or review the basic skills required for his/her grade. When your child is done with school for the day, the Daily Helper folds up and can be placed in a desk or book for safe keeping. It is like having many posters right in front of your child all at ONE time!! And, no holes in the wall!

With the packet, we not only list the skills needed for your child's grade, but we give you all the templates needed to create the Daily Helper. We highly recommend that you laminate the templates before putting into the file folders so that they can be used over and over again with a dry erase marker and also so the templates will stay sturdy after lots of usage from your child. ***Note-for laminated templates, we recommend attaching the templates with sticky dots. They can be found in most craft or office supply stores.

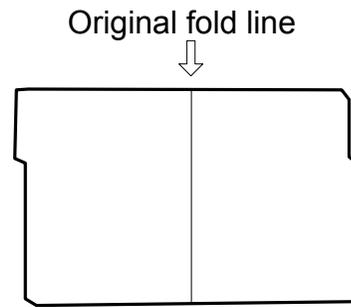
How do I know where to place each template in the folder?



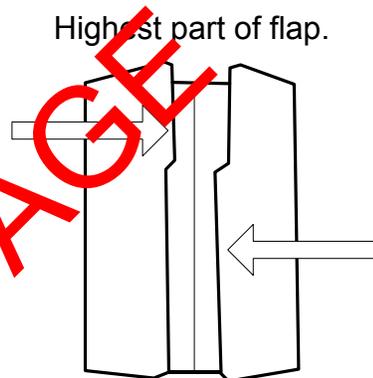
This placement key tells you the template goes in the first folder at the top of the left flap.

Folding a Lapbook Base

Gather the number of folders required for the project. Fold them flat as seen here.



For each folder, fold the left and right sides inward toward the original line to create two flaps. Crease so that the highest part of each flap is touching the original line. It is important not to let the two flaps overlap. *You may want to take a ruler and run it down each crease to make it sharper.*



Glue your folders together by putting glue (or you may staple) on the inside of the flaps. Then press the newly glued flaps together with your hands until they get a good strong hold to each other. Follow this step to add as many folders as you need for your project. Most of our lapbooks have either 2 or 3 folders.

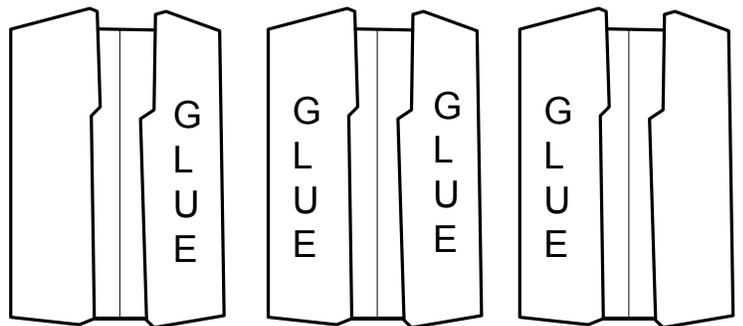
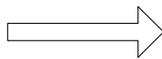


Photo of a completed lapbook base



To be able to print numbers to 100,000. Locate, compare, order, represent, estimate and identify numbers to 100,000.

To count by 3's, 4's, 6's, 7's, 8's, 9's, and 10's, 11's and 12's to 144.

To know multiplication facts by memory up to the 12s.

To know division facts by memory up to the 12s.

To understand decimals to the thousandths 0.013 and be able to add and subtract decimals.

To learn the parts of a multiplication and division problem.

To understand the Standard Order of Operations.

To understand how to multiply decimals.

To understand how to divide decimals.

To understand how to use key words to solve addition and subtraction word problems.

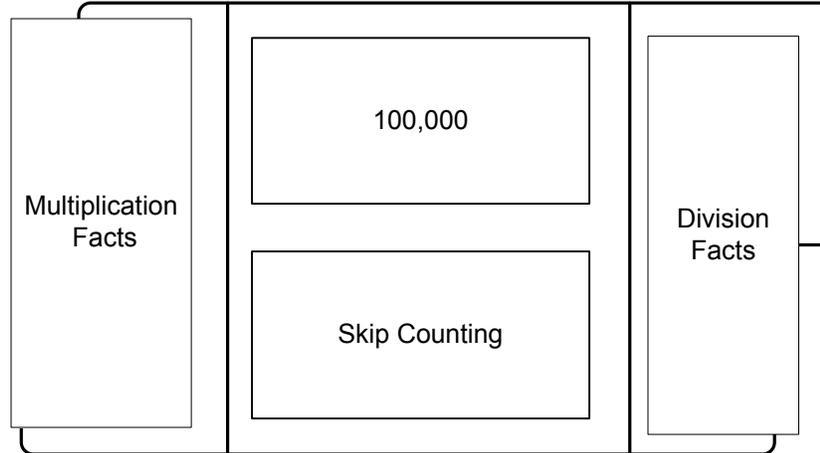
To be able to identify, sort, classify, construct, measure, and apply a variety of geometric shapes and figures and problems. To be able to classify triangles by side properties and types (obtuse, isosceles) etc. To be able to explore and discover tiling patterns that cover a plane and tessellations.

To be able to read and write dates using a variety of methods (Jan. 10, 2002, 02/10/02 etc.)

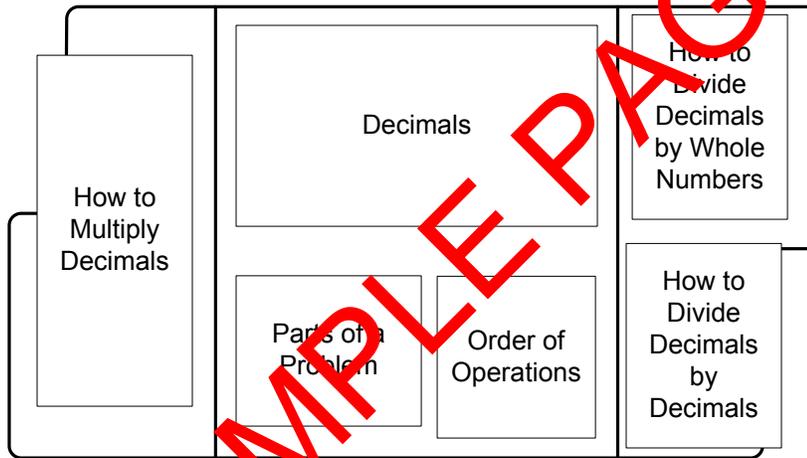
To be able to solve measurement problems with circumference, perimeter, volume, capacity and area and explain the rules and apply the formulas.

To understanding of inches, feet, yards, miles, millimeters, centimeters, meters, kilometers and apply these terms to problem solving activities.

Folder 1



Folder 2



Folder 3

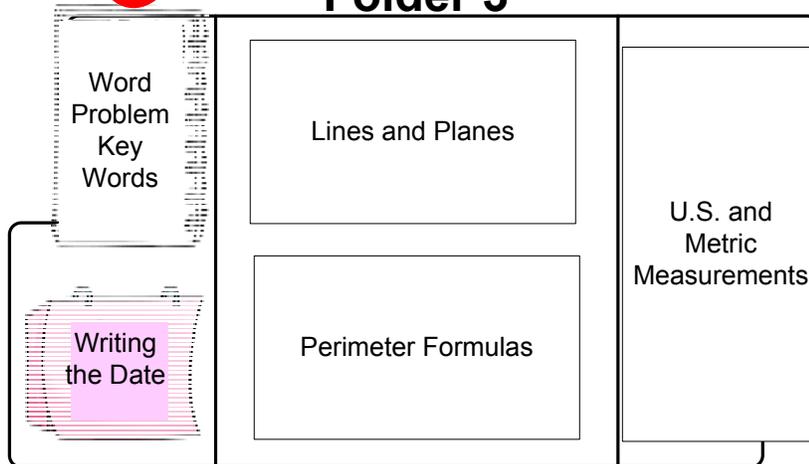
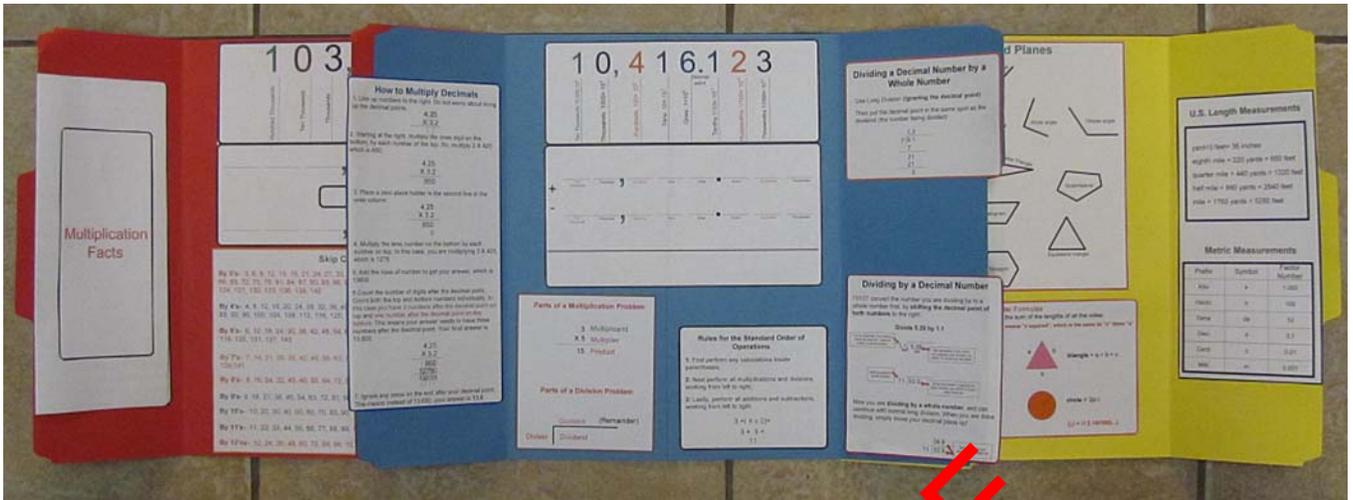


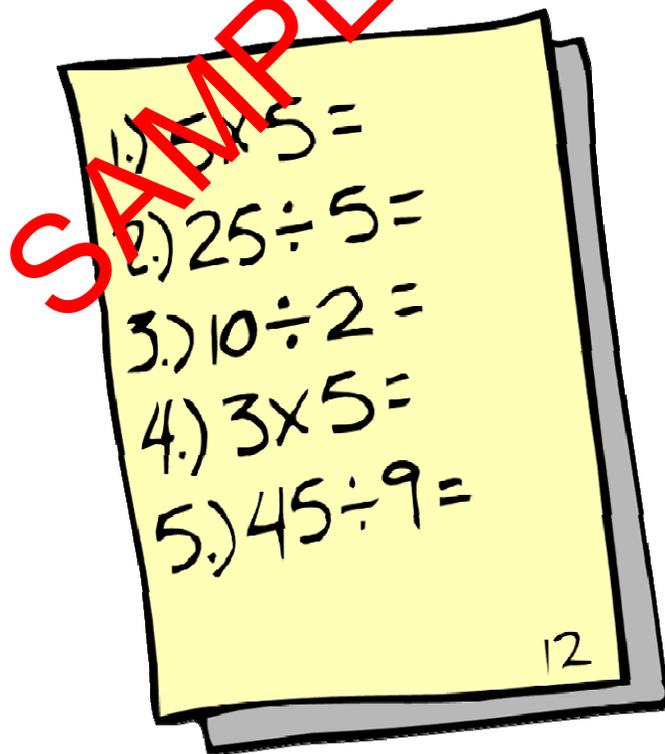
Photo of assembled lapbook



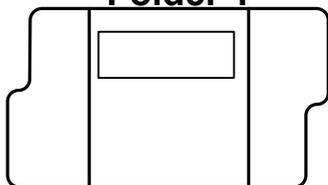
Cut out the page on the line. Glue to the front of your closed lapbook.

My 5th Grade Math Desk Helper

Belongs to:



Folder 1



LAMINATE BEFORE CUTTING OUT.

Goal: To read print numbers to 100,000 and locate, compare, order, represent, estimate and identify numbers to 100,000 using regular and expanded forms.

Cut out the booklet. Glue into lapbook.

Directions: Use the chart to write, compare, estimate and identify numbers to 10,000. The square box in the center can be used to place (<, >, or =)

1 0 3, 4 1 6

Hundred Thousands

Ten Thousands

Thousands

Hundreds

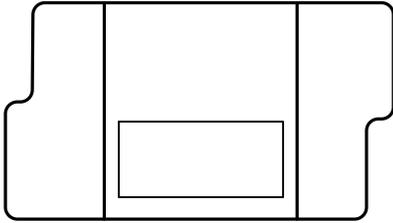
Tens

Ones

SAMPLE PAGE



Folder 1



Goal: To count by 3's, 4's, 6's, 7's, 8's, 9's, 10's, 11s, and 12s to 144.

Cut out the booklet. Glue into lapbook.

Directions: Use to learn skip counting.

Skip Counting

By 3's- 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99, 102, 105, 108, 111, 114, 117, 120, 123, 126, 129, 132, 135, 138, 141

By 4's- 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144

By 6's- 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144

By 7's- 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98, 105, 112, 119, 126, 133, 140

By 8's- 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104, 112, 120, 128, 136, 144

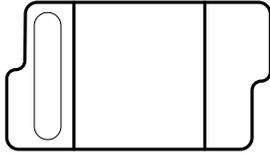
By 9's- 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108, 117, 126, 135,

By 10's- 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140

By 11's- 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132, 143, 154

By 12's- 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144

Folder 1



Goal: To learn multiplication facts through the 12s.

Cut out booklet as one piece. Fold in half. Cut out the label on the next page. Glue the front of closed booklet. Glue booklet into lapbook.

Directions: Use to learn multiplication facts.

$0 \times 0 = 0$	$1 \times 0 = 0$	$2 \times 0 = 0$	$3 \times 0 = 0$	$4 \times 0 = 0$	$5 \times 0 = 0$	$6 \times 0 = 0$
$0 \times 1 = 0$	$1 \times 1 = 1$	$2 \times 1 = 2$	$3 \times 1 = 3$	$4 \times 1 = 4$	$5 \times 1 = 5$	$6 \times 1 = 6$
$0 \times 2 = 0$	$1 \times 2 = 2$	$2 \times 2 = 4$	$3 \times 2 = 6$	$4 \times 2 = 8$	$5 \times 2 = 10$	$6 \times 2 = 12$
$0 \times 3 = 0$	$1 \times 3 = 3$	$2 \times 3 = 6$	$3 \times 3 = 9$	$4 \times 3 = 12$	$5 \times 3 = 15$	$6 \times 3 = 18$
$0 \times 4 = 0$	$1 \times 4 = 4$	$2 \times 4 = 8$	$3 \times 4 = 12$	$4 \times 4 = 16$	$5 \times 4 = 20$	$6 \times 4 = 24$
$0 \times 5 = 0$	$1 \times 5 = 5$	$2 \times 5 = 10$	$3 \times 5 = 15$	$4 \times 5 = 20$	$5 \times 5 = 25$	$6 \times 5 = 30$
$0 \times 6 = 0$	$1 \times 6 = 6$	$2 \times 6 = 12$	$3 \times 6 = 18$	$4 \times 6 = 24$	$5 \times 6 = 30$	$6 \times 6 = 36$
$0 \times 7 = 0$	$1 \times 7 = 7$	$2 \times 7 = 14$	$3 \times 7 = 21$	$4 \times 7 = 28$	$5 \times 7 = 35$	$6 \times 7 = 42$
$0 \times 8 = 0$	$1 \times 8 = 8$	$2 \times 8 = 16$	$3 \times 8 = 24$	$4 \times 8 = 32$	$5 \times 8 = 40$	$6 \times 8 = 48$
$0 \times 9 = 0$	$1 \times 9 = 9$	$2 \times 9 = 18$	$3 \times 9 = 27$	$4 \times 9 = 36$	$5 \times 9 = 45$	$6 \times 9 = 54$
$0 \times 10 = 0$	$1 \times 10 = 10$	$2 \times 10 = 20$	$3 \times 10 = 30$	$4 \times 10 = 40$	$5 \times 10 = 50$	$6 \times 10 = 60$
$0 \times 11 = 0$	$1 \times 11 = 11$	$2 \times 11 = 22$	$3 \times 11 = 33$	$4 \times 11 = 44$	$5 \times 11 = 55$	$6 \times 11 = 66$
$0 \times 12 = 0$	$1 \times 12 = 12$	$2 \times 12 = 24$	$3 \times 12 = 36$	$4 \times 12 = 48$	$5 \times 12 = 60$	$6 \times 12 = 72$

$7 \times 0 = 0$	$8 \times 0 = 0$	$9 \times 0 = 0$	$10 \times 0 = 0$	$11 \times 0 = 0$	$12 \times 0 = 0$
$7 \times 1 = 7$	$8 \times 1 = 8$	$9 \times 1 = 9$	$10 \times 1 = 10$	$11 \times 1 = 11$	$12 \times 1 = 12$
$7 \times 2 = 14$	$8 \times 2 = 16$	$9 \times 2 = 18$	$10 \times 2 = 20$	$11 \times 2 = 22$	$12 \times 2 = 24$
$7 \times 3 = 21$	$8 \times 3 = 24$	$9 \times 3 = 27$	$10 \times 3 = 30$	$11 \times 3 = 33$	$12 \times 3 = 36$
$7 \times 4 = 28$	$8 \times 4 = 32$	$9 \times 4 = 36$	$10 \times 4 = 40$	$11 \times 4 = 44$	$12 \times 4 = 48$
$7 \times 5 = 35$	$8 \times 5 = 40$	$9 \times 5 = 45$	$10 \times 5 = 50$	$11 \times 5 = 55$	$12 \times 5 = 60$
$7 \times 6 = 42$	$8 \times 6 = 48$	$9 \times 6 = 54$	$10 \times 6 = 60$	$11 \times 6 = 66$	$12 \times 6 = 72$
$7 \times 7 = 49$	$8 \times 7 = 56$	$9 \times 7 = 63$	$10 \times 7 = 70$	$11 \times 7 = 77$	$12 \times 7 = 84$
$7 \times 8 = 56$	$8 \times 8 = 64$	$9 \times 8 = 72$	$10 \times 8 = 80$	$11 \times 8 = 88$	$12 \times 8 = 96$
$7 \times 9 = 63$	$8 \times 9 = 72$	$9 \times 9 = 81$	$10 \times 9 = 90$	$11 \times 9 = 99$	$12 \times 9 = 108$
$7 \times 10 = 70$	$8 \times 10 = 80$	$9 \times 10 = 90$	$10 \times 10 = 100$	$11 \times 10 = 110$	$12 \times 10 = 120$
$7 \times 11 = 77$	$8 \times 11 = 88$	$9 \times 11 = 99$	$10 \times 11 = 110$	$11 \times 11 = 121$	$12 \times 11 = 132$
$7 \times 12 = 84$	$8 \times 12 = 96$	$9 \times 12 = 108$	$10 \times 12 = 120$	$11 \times 12 = 132$	$12 \times 12 = 144$

Cover Label



Multiplication
Facts

SAMPLE PAGE