Fourth Grade

Daily Helpers

Math

SAMPLE PAGE

A Journey Through Learning
www.ajourneythroughlearning.com

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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!
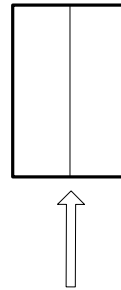
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ISBN-

Things to Know

Hamburger Fold-Fold horizontally
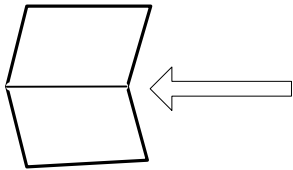
Hotdog Fold-Fold vertically

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. If you do not have access to a laminator, we do sell them already laminated for you. We also sell colored file folders. ***Note-for laminated templates, we recommend attaching the templates with sticky dots. They can be found in most craft or office supply stores.
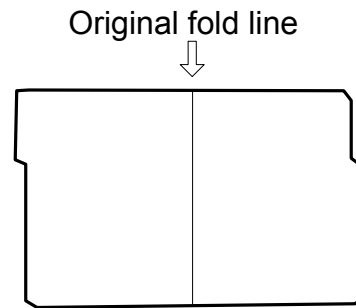
How do I know where to place each template in the folder?
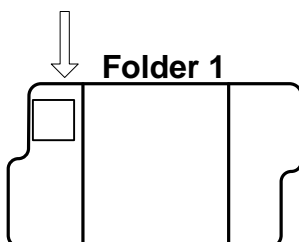
Folder 1

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

Folding a Lapbook Base

Original fold line

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

Highest part of flap.

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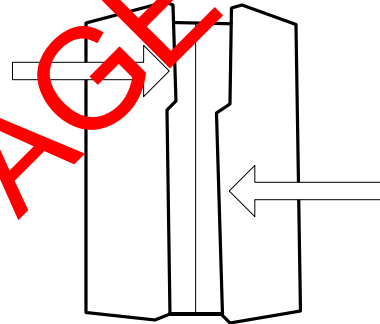
Glue your folders together by putting glue (or you may staple) on the inside of the flaps. Then press the newly glued flaps together with your hands until they get a good strong hold to each other. Follow this step to add as many folders as you need for your project. Most of our lapbooks have either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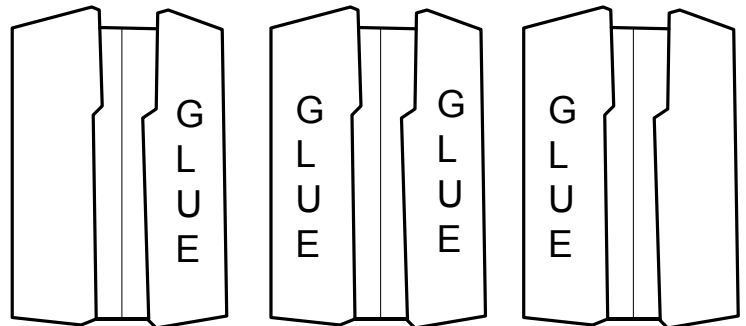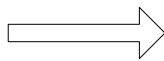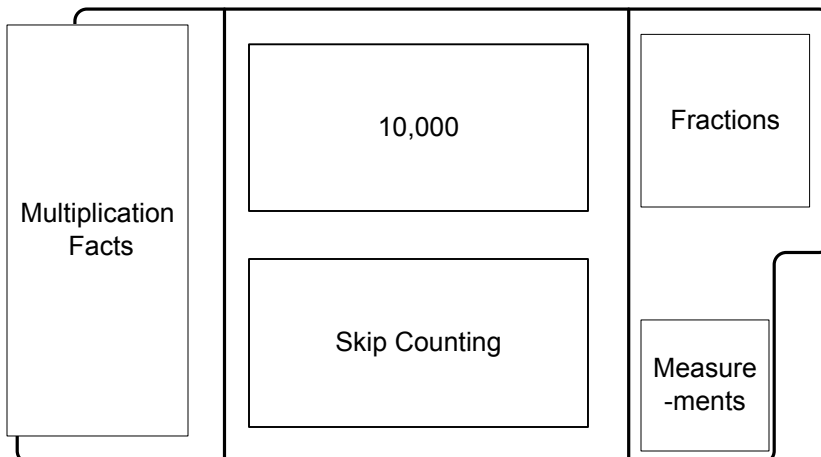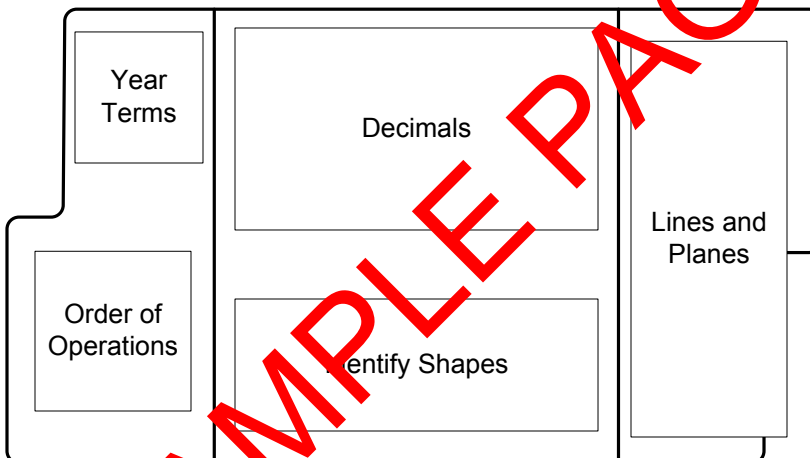
GLUE   GLUE   GLUE   GLUE

Photo of a completed lapbook base

Folder 1

Multiplication Facts

10,000

Fractions

Skip Counting

Measure-ments

Folder 2

Year Terms

Decimals

Lines and Planes

Order of Operations

Identify Shapes

Folder 3

Solid Figures

Number Words

Division Facts

Word Problem Key Words
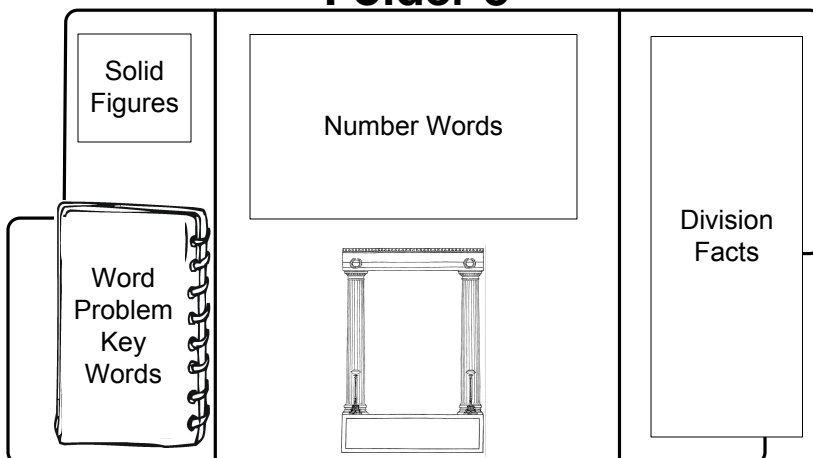
To read print numbers to 10,000 and locate, compare, order, represent, estimate, and identify numbers to 10,000

To count by 3's, 4's, 6's, 7's, 8's, 9's, and 10's to 100

To memorize multiplication facts through the 12s.

To understand decimals to the hundredths 0.01 and be able to add and subtract decimals.

To understand fractions.

To understand inches, feet, yards, miles, millimeters, centimeters, meters, kilometers, etc.
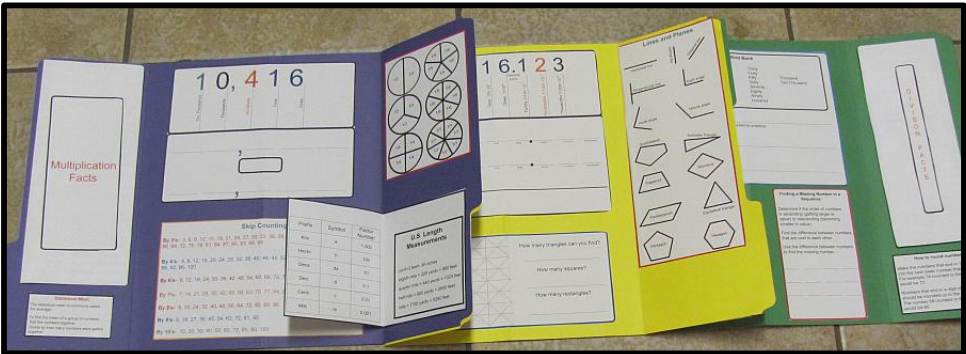
To understand years, decades, centuries, millenniums.

To understand making change and adding money up to $50.00.

To identify, sort, classify a variety of geometric shapes and figures.

To know and use the 4 operations in equations.

To memorize division facts through the 8s.

Photo of lapbook

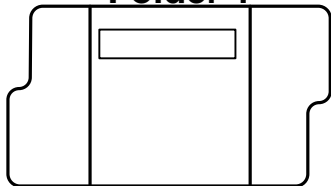Cut out the page on the line. Glue to the front of your closed lapbook. Draw the continents on the globe.

My Math
Desk Helper

_____

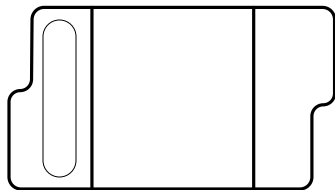Belongs to:

Folder 1

LAMINATE BEFORE CUTTING OUT.
Goal: To read and print numbers to 10,000. To locate, compare, order, represent, estimate and identify numbers to 10,000.
Cut out the booklet. Glue into lapbook.
Directions: Use the chart to write, compare, estimate and identity numbers to 10,000. The square box in the center can used to place (<, >, or =)

10,416

Ten Thousands | Thousands | Hundreds | Tens | Ones

SAMPLE PAGE

Folder 1

0 x 0 = 0	1 x 0 = 0	2 x 0 = 0	3 x 0 = 0	4 x 0 = 0	5 x 0 = 0	6 x 0 = 0
0 x 1 = 0	1 x 1 = 1	2 x 1 = 2	3 x 1 = 3	4 x 1 = 4	5 x 1 = 5	6 x 1 = 6
0 x 2 = 0	1 x 2 = 2	2 x 2 = 4	3 x 2 = 6	4 x 2 = 8	5 x 2 = 10	6 x 2 = 12
0 x 3 = 0	1 x 3 = 3	2 x 3 = 6	3 x 3 = 9	4 x 3 = 12	5 x 3 = 15	6 x 3 = 18
0 x 4 = 0	1 x 4 = 4	2 x 4 = 8	3 x 4 = 12	4 x 4 = 16	5 x 4 = 20	6 x 4 = 24
0 x 5 = 0	1 x 5 = 5	2 x 5 = 10	3 x 5 = 15	4 x 5 = 20	5 x 5 = 25	6 x 5 = 30
0 x 6 = 0	1 x 6 = 6	2 x 6 = 12	3 x 6 = 18	4 x 6 = 24	5 x 6 = 30	6 x 6 = 36
0 x 7 = 0	1 x 7 = 7	2 x 7 = 14	3 x 7 = 21	4 x 7 = 28	5 x 7 = 35	6 x 7 = 42
0 x 8 = 0	1 x 8 = 8	2 x 8 = 16	3 x 8 = 24	4 x 8 = 32	5 x 8 = 40	6 x 8 = 48
0 x 9 = 0	1 x9 = 9	2 x 9 = 18	3 x 9 = 27	4 x 9 = 36	5 x 9 = 45	6 x 9 = 54
0 x 10 = 0	1 x 10 = 10	2 x 10 = 20	3 x 10 = 30	4 x 10 = 40	5 x 10 = 50	6 x 10 = 60
0 x 11 = 0	1 x 11 = 11	2 x 11 =22	3 x 11 = 33	4 x 11 = 44	5 x 11 = 55	6 x 11 = 66
0 x 12 = 0	1 x 12 = 12	2 x 12 = 24	3 x 12 = 36	4 x 12 = 48	5 x 12 = 60	6 x12 = 72

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

SAMPLE PAGE

Multiplication
Facts

Folder 1
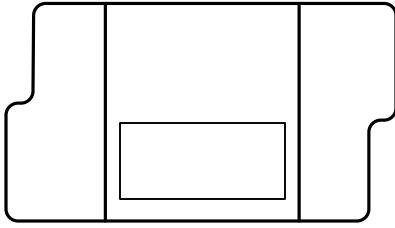
Goal: To count by 3's, 4's, 6's, 7's, 8's, 9's, and 10's to 100.
Cut out the booklet. Glue into lapbook.

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

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

By 6's- 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96,

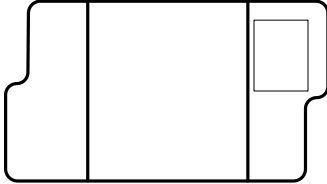**By 7's-** 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98

By 8's- 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96
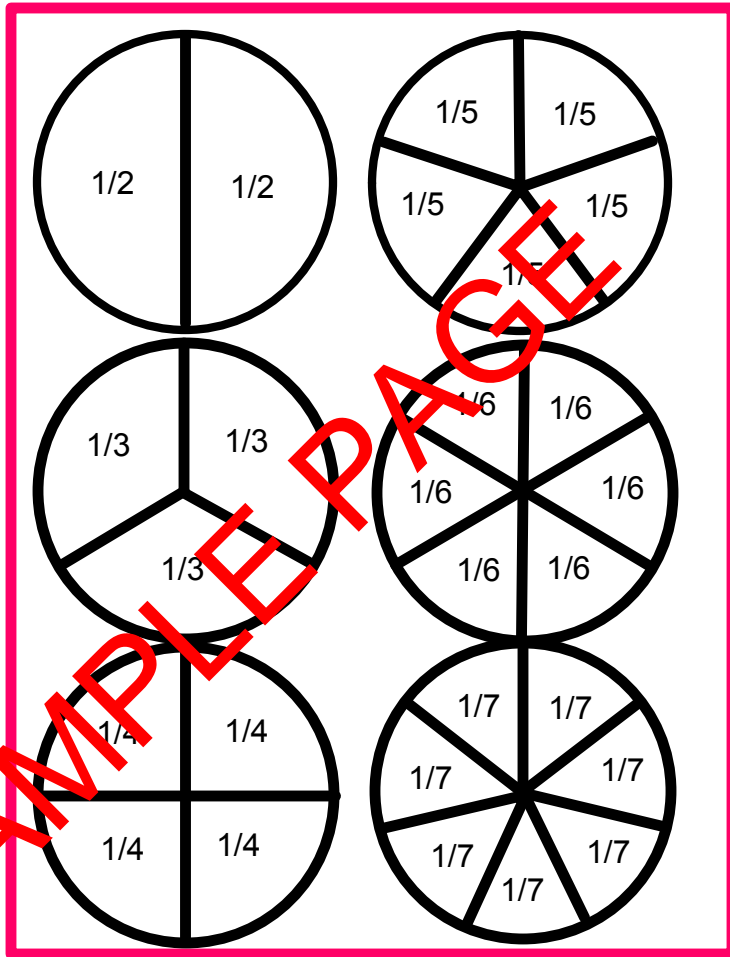
By 9's- 9, 18, 27, 36, 45, 54, 63, 72, 81, 90

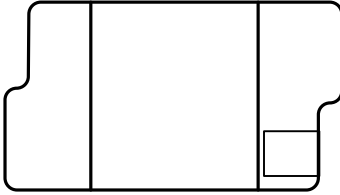**By 10's-** 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

SAMPLE PAGE

Folder 1

Goal: To understand fraction.
Cut out the booklet. Glue into lapbook.

The circles show fraction parts labeled 1/2, 1/3, 1/4, 1/5, 1/6, and 1/7.

Folder 1

Goal: To understand inches, feet, yards, miles, millimeters, centimeters, meters, kilometers etc.
Cut out the booklet as one piece. Fold in half. Cut out cover label and glue on the front of the closed booklet. Glue booklet into lapbook.
Directions: Use to learn measurements.

Prefix	Symbol	Factor Number
Kilo	k	1,000
Hecto	h	100
Deca	da	10
Deci	d	0.1
Centi	c	0.01
Milli	m	0.001

U.S. Length Measurements

yard=3 feet = 36 inches

eighth mile = 220 yards = 660 feet

quarter mile = 440 yards = 1320 feet

half mile = 880 yards = 2640 feet

mile = 1760 yards = 5280 feet

SAMPLE PAGE

Understanding Measurements