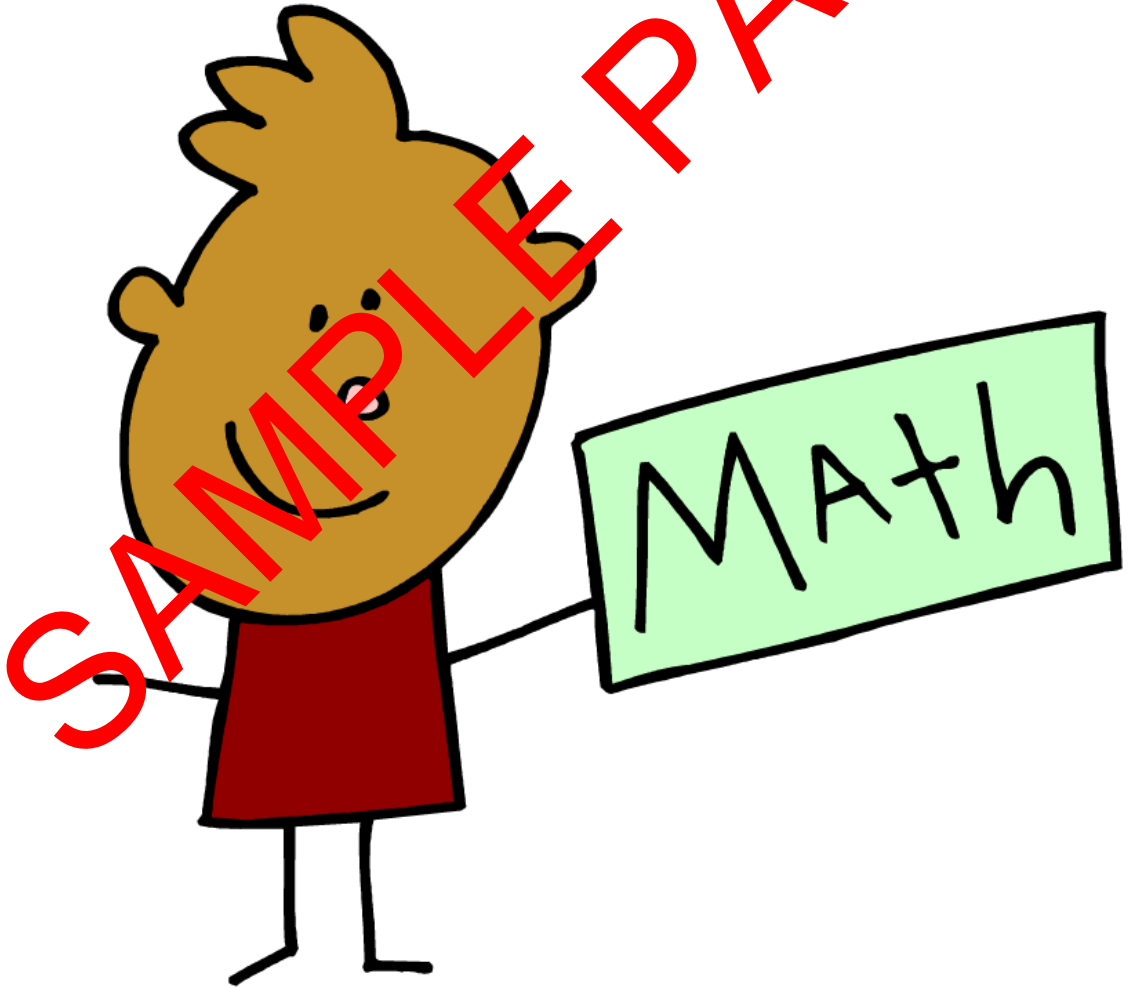




Second Grade

Daily Helpers

Math



A Journey Through Learning
www.ajourneythroughlearning.com



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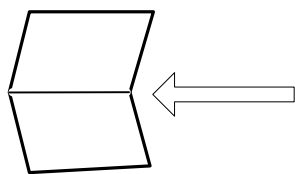
**While you are there, sign up for our email newsletter and
receive a FREE lapbook!
You'll also receive great discount codes, special offers, find out
what's new and what's to come!**

Join us on Facebook!

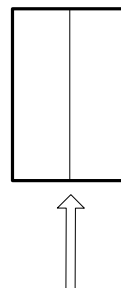
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Things to Know

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."

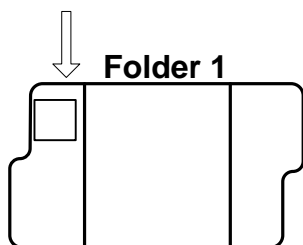
What are Daily Helpers?

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.

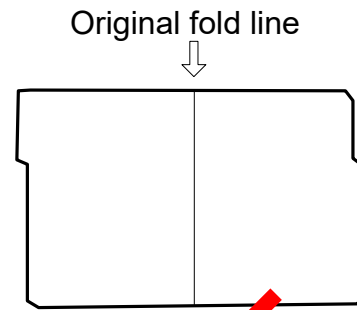
How do I know where to place each template in the folder?



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.

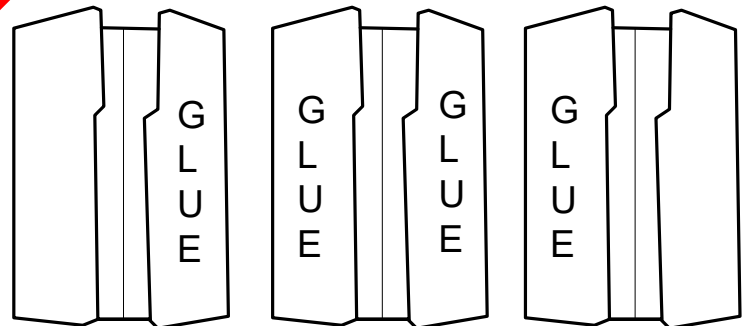
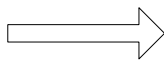


Photo of a completed lapbook base



What does your second grader need to know for math?

To read, print and identify numbers to thousands.

To find patterns in counting charts to 100.

To count by 1, 2's, 5's and 10's to one hundred.

To count backwards from any given point from 100.

To learn the properties of addition.

To mentally add numbers to 20.

To learn addition and subtraction through 100.

To begin to understand two digit adding using the methods of carrying.

To understand place value up to 1000.

To learn the months of the year and how many days are in each month.

To learn even and odd numbers.

To read and number a calendar.

To add and subtract coins up to \$1.00.

To learn how to label and read a thermometer.

To be able to use a grid.

To tell time to the half, quarter, and full hour.

To understand hours, minutes and seconds.

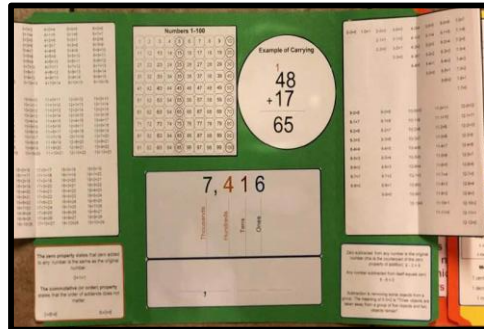
To understand fractions.

To learn basic measurements: standard and metric.

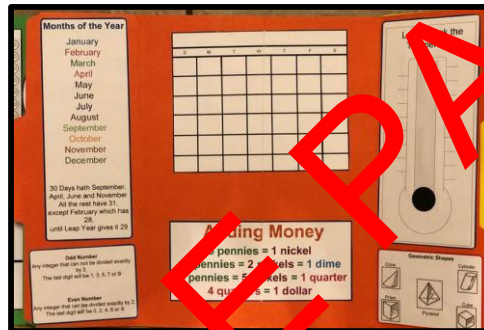
To learn multiplication facts 1-5.

Photos of assembled lapbook

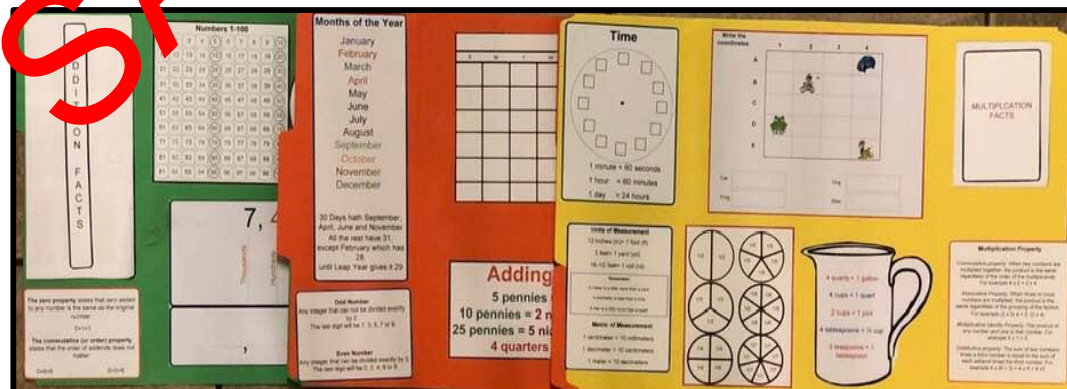
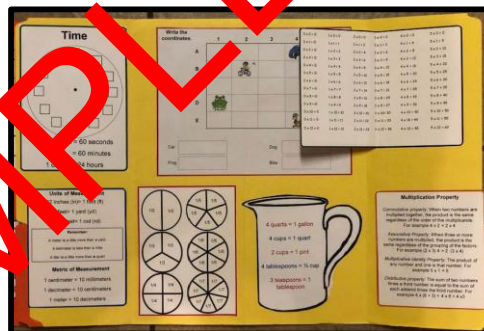
Folder 1



Folder 2



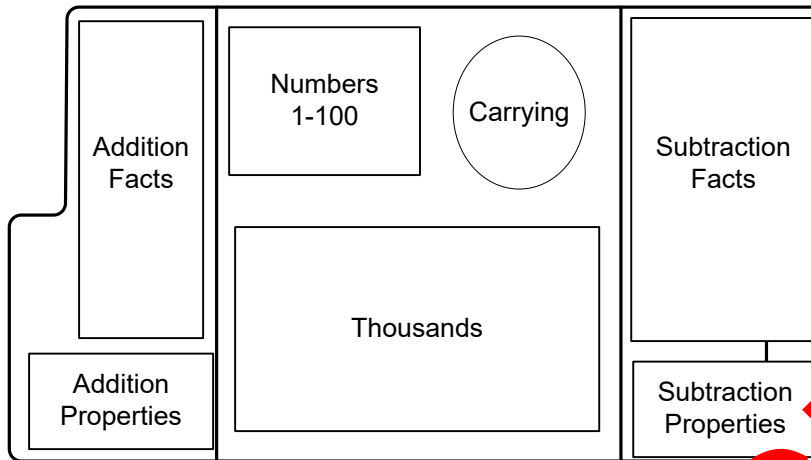
Folder 3



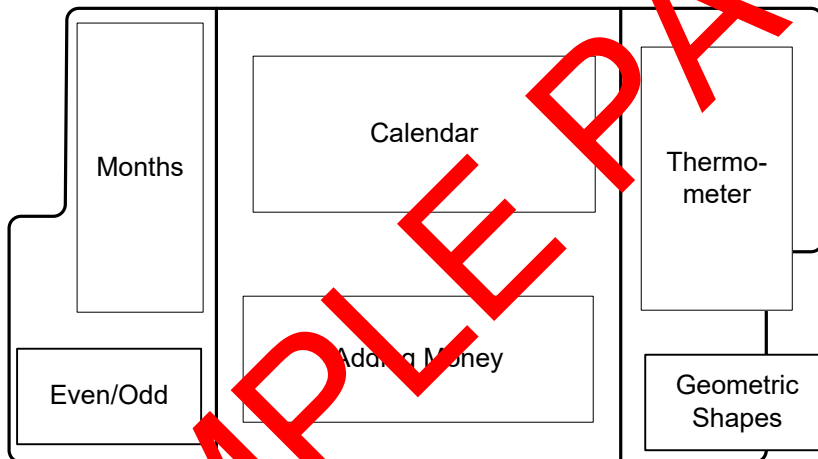
Entire lapbook

Placement key of booklets

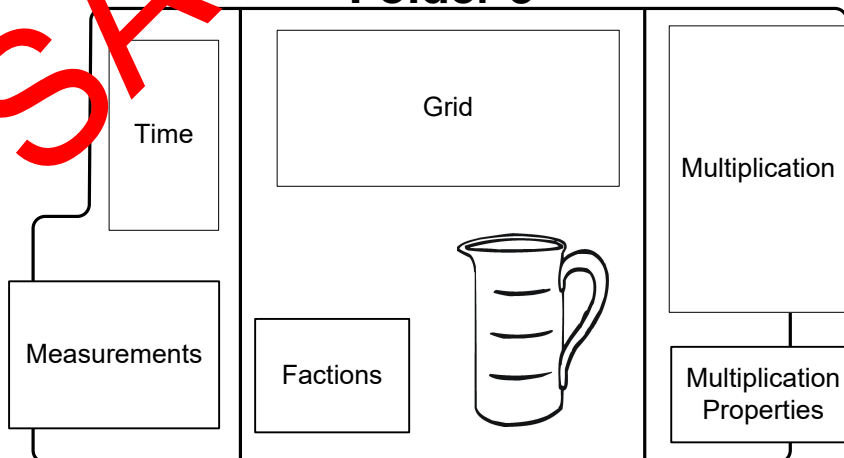
Folder 1



Folder 2



Folder 3



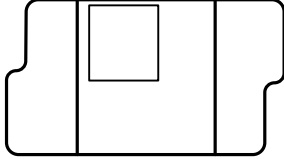
The next page is a title page. It is to be glued on top of the lapbook when it is closed.

My 2nd Grade Math Daily Helper

Name _____



Folder 1



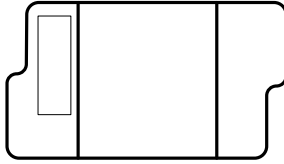
Goal: To find patterns in counting charts to 100. To count by 1, 2's, 5's and 10's to 100. To count backwards from any given point from 100.

LAMINATE BEFORE CUTTING OUT. Cut out the booklet. Glue into lapbook.

Directions: Use this chart to practice different counting activities.

| Numbers 1-100 | | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Folder 1



Goal: Use to learn addition facts.

Cut out booklet. Hotdog fold in half. Cut out the cover label. Glue to the front of the closed booklet. Glue into lapbook.

Directions: Use chart to learn addition facts.

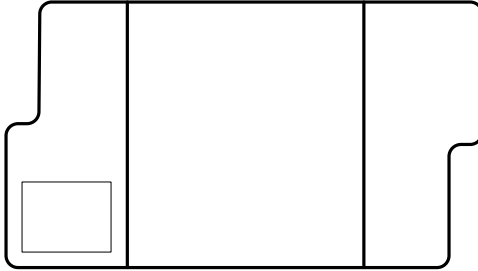
fold

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| 1+0=1 | 2+0=2 | 3+0=3 | 4+0=4 | 5+0=5 | 6+0=6 | 7+0=7 |
| 1+1=2 | 2+1=3 | 3+1=4 | 4+1=5 | 5+1=6 | 6+1=7 | 7+1=8 |
| 1+2=3 | 2+2=4 | 3+2=5 | 4+2=6 | 5+2=7 | 6+2=8 | 7+2=9 |
| 1+3=4 | 2+3=5 | 3+3=6 | 4+3=7 | 5+3=8 | 6+3=9 | 7+3=10 |
| 1+4=5 | 2+4=6 | 3+4=7 | 4+4=8 | 5+4=9 | 6+4=10 | 7+4=11 |
| 1+5=6 | 2+5=7 | 3+5=8 | 4+5=9 | 5+5=10 | 6+5=11 | 7+5=12 |
| 1+6=7 | 2+6=8 | 3+6=9 | 4+6=10 | 5+6=11 | 6+6=12 | 7+6=13 |
| 1+7=8 | 2+7=9 | 3+7=10 | 4+7=11 | 5+7=12 | 6+7=13 | 7+7=14 |
| 1+8=9 | 2+8=10 | 3+8=11 | 4+8=12 | 5+8=13 | 6+8=14 | 7+8=15 |
| 1+9=10 | 2+9=11 | 3+9=12 | 4+9=13 | 5+9=14 | 6+9=15 | 7+9=16 |
| 1+10=11 | 2+10=12 | 3+10=13 | 4+10=14 | 5+10=15 | 6+10=16 | 7+10=17 |
| 8+0=8 | 9+0=9 | 10+0=10 | 11+0=11 | 12+0=12 | 13+0=13 | 14+0=14 |
| 8+1=9 | 9+1=10 | 10+1=11 | 11+1=12 | 12+1=13 | 13+1=14 | 14+1=15 |
| 8+2=10 | 9+2=11 | 10+2=12 | 11+2=13 | 12+2=14 | 13+2=15 | 14+2=16 |
| 8+3=11 | 9+3=12 | 10+3=13 | 11+3=14 | 12+3=15 | 13+3=16 | 14+3=17 |
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| 8+5=13 | 9+5=14 | 10+5=15 | 11+5=16 | 12+5=17 | 13+5=18 | 14+5=19 |
| 8+6=14 | 9+6=15 | 10+6=16 | 11+6=17 | 12+6=18 | 13+6=19 | 14+6=20 |
| 8+7=15 | 9+7=16 | 10+7=17 | 11+7=18 | 12+7=19 | 13+7=20 | 14+7=21 |
| 8+8=16 | 9+8=17 | 10+8=18 | 11+8=19 | 12+8=20 | 13+8=21 | 14+8=22 |
| 8+9=17 | 9+9=18 | 10+9=19 | 11+9=20 | 12+9=21 | 13+9=22 | 14+9=23 |
| 8+10=18 | 9+10=19 | 10+10=20 | 11+10=21 | 12+10=22 | 13+10=23 | 14+10=24 |
| 15+0=15 | 16+0=16 | 17+0=17 | 18+0=18 | 19+0=19 | | |
| 15+1=16 | 16+1=17 | 17+1=18 | 18+1=19 | 19+1=20 | | |
| 15+2=17 | 16+2=18 | 17+2=19 | 18+2=20 | 19+2=21 | | |
| 15+3=18 | 16+3=19 | 17+3=20 | 18+3=21 | 19+3=22 | | |
| 15+4=19 | 16+4=20 | 17+4=21 | 18+4=22 | 19+4=23 | | |
| 15+5=20 | 16+5=21 | 17+5=22 | 18+5=23 | 19+5=24 | | |
| 15+6=21 | 16+6=22 | 17+6=23 | 18+6=24 | 19+6=25 | | |
| 15+7=22 | 16+7=23 | 17+7=24 | 18+7=25 | 19+7=26 | | |
| 15+8=23 | 16+8=24 | 17+8=25 | 18+8=26 | 19+8=27 | | |
| 15+9=24 | 16+9=25 | 17+9=26 | 18+9=27 | 19+9=28 | | |
| 15+10=25 | 16+10=26 | 17+10=27 | 18+10=28 | 19+10=29 | | |

4 0 0 - 1 - 0 2 1 4 0 1 0

Cover Label

Folder 1



Goal: To learn the properties of addition.

Cut out booklet. Glue into lapbook.

Directions- Learn the rules.

The zero property states that zero added to any number is the same as the original number.

$$0+1=1$$

The commutative (or order) property states that the order of addends does not matter:

$$0+6=6$$

$$6+0=6$$

SAMPLE PAGE