

	0	1	2	3	4	5	6	7	8	9
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9

Addition Math Facts

+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9	10
2	2	3	4	5	6	7	8	9	10	11
3	3	4	5	6	7	8	9	10	11	12
4	4	5	6	7	8	9	10	11	12	13
5	5	6	7	8	9	10	11	12	13	14
6	6	7	8	9	10	11	12	13	14	15
7	7	8	9	10	11	12	13	14	15	16
8	8	9	10	11	12	13	14	15	16	17
9	9	10	11	12	13	14	15	16	17	18

Addition Math Facts

+	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

Instructions:

Materials:

Printout of worksheet pages:

Page 1: this page becomes the flaps that you lift--you will cut up this page

Page 2 or 3: This is the base of the project--what you lift the flaps to see.

Scissors

Glue stick

Tape

Optional:

Pencil

Felt tip pens or highlighters

1. Using Page 1, cut the rows out as strips so there is a line of "short boxes" that are blank above a row of boxes with beginning of the math fact equations on them. (They aren't really "equations" without an =, just part of the equation or a statement.) Cut out the whole strip together (eg, 0, 0+0, 0+1...); don't cut out each individual statement.

Tip: Don't trim the margin so you will have additional space to glue down the strip.

You should end up with ten strips of paper such as this one (remember to leave the margin in place):

0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9

2. Cut along the lines between the statements up to the "small box line". Leave the part of the strip with the small boxes uncut (you will glue down the "small box line" and the statements will be the flaps). Leave the strips flat until you have glued them down.

3. Put Page 2 in front of you. Line up header number and the "small box line" of a cut out from Page 1 with the appropriate Page 2 line. Glue or tape down the "small box line", the header row, and the margins of the Page 1 line onto the Page 2 line.

4. When all the strips are in place tape the edges for more support.

5. Lift the equation flap to see the answer underneath.

Page 3 is a blank version of the base with blank boxes for students to fill in for extra reinforcement.

I chose to make this worksheet with 0 – 9 instead of 1 – 10 to help children remember that zero is indeed a number—the concept of zero is often hard for a child to understand.

If desired, students can color fact families using light colored felt tip markers or highlighters to emphasize the “turn around facts” or the commutative property of addition. Students could choose either to color just the base or the flaps and the base. I recommend doing the coloring before the gluing and allowing it a chance to dry. The finished product will look something like this:

+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	0	1	3	4	5	6	7	8	9	10
2	0	2	4	5	6	7	8	9	10	11
3	0	3	5	6	7	8	9	10	11	12
4	0	4	6	7	8	9	10	11	12	13
5	0	5	7	8	9	10	11	12	13	14
6	0	6	8	9	10	11	12	13	14	15
7	0	7	9	10	11	12	13	14	15	16
8	0	8	10	11	12	13	14	15	16	17
9	0	9	11	12	13	14	15	16	17	18

Students just starting out with addition math facts may have some difficulty with the fine motor skills required to create this project, but they do enjoy lifting the flaps to find the answers. You know your child—if you think the cutting and precise pasting might frustrate him or her you may want to consider doing the cutting and helping with the pasting.

Above all, have fun with this project!