

Count Your Steps

Get Going!

Beginner: Count your steps (or steady hand claps) to find out the distance between places.

[Tip]: “Start with small distances in your home, on a walk, or at the park.

Intermediate: Guess (estimate) how many steps or hand claps it will take to get to different places in your home or community.

[Tip]: Discuss who had the best estimation.

Experienced: Guess how many “child steps” and “adult steps” (or steady hand claps) it will take to get to different places.

[Tip]: Discuss and compare why adults may have fewer steps or claps than children.

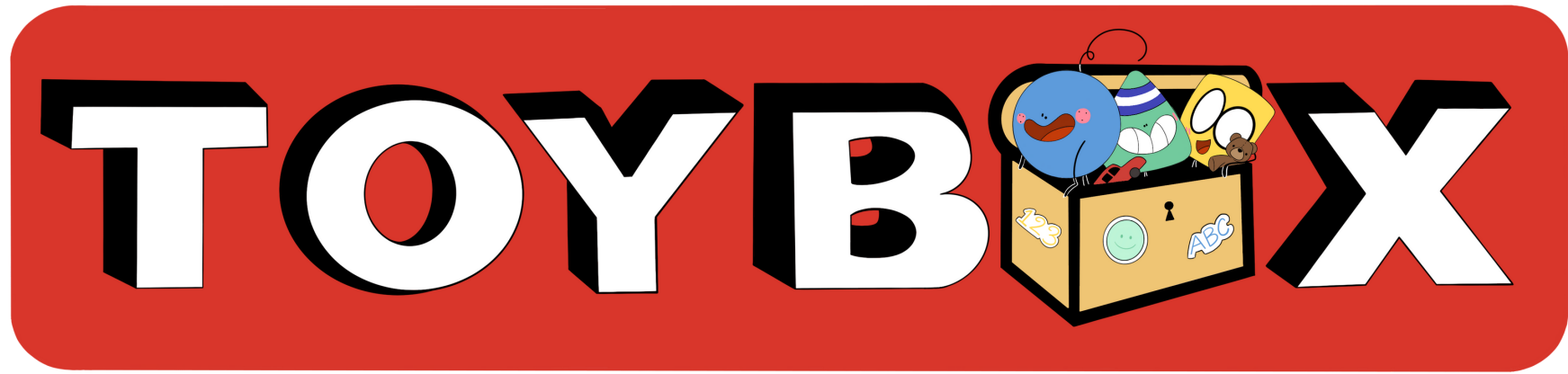
Click here for a helpful [Video Tip!](#)

Why is this important? Making guesses about measurement and distances helps connect math concepts to everyday life.

Looking for more information? Scroll down for a 100 Chart and description of Estimation and Prediction.

References: VandeWalle, J. A. (2011). Elementary and Middle School Mathematics: Teaching Developmentally. Pearson Canada. (p. 120).

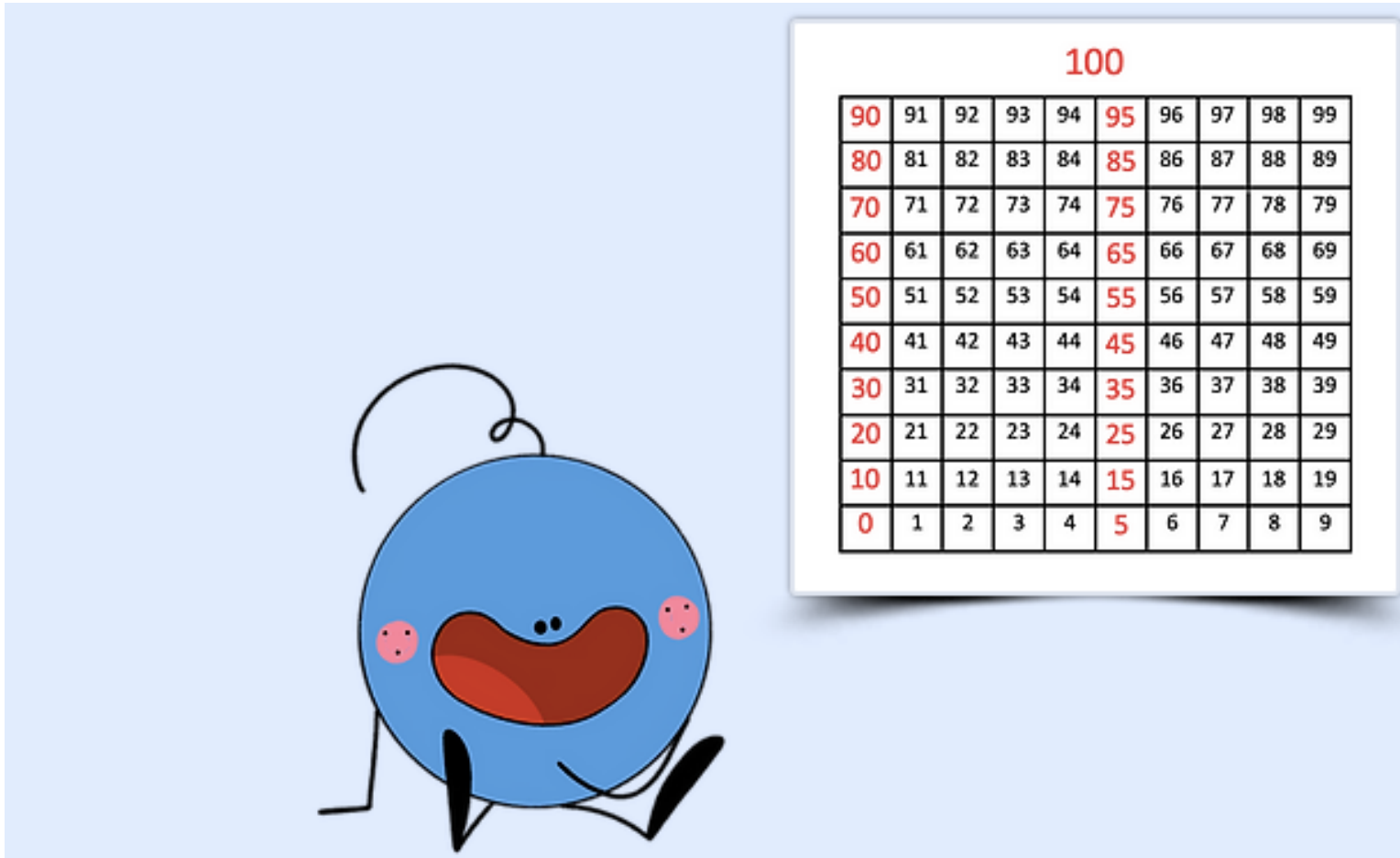
Ginsberg, L., Manly, M., & Schmidt, M.J. (2006). The components of numeracy. National Centre for the Study of Adult Learning and Literacy: NCSALL Occasional Papers.



100 Chart

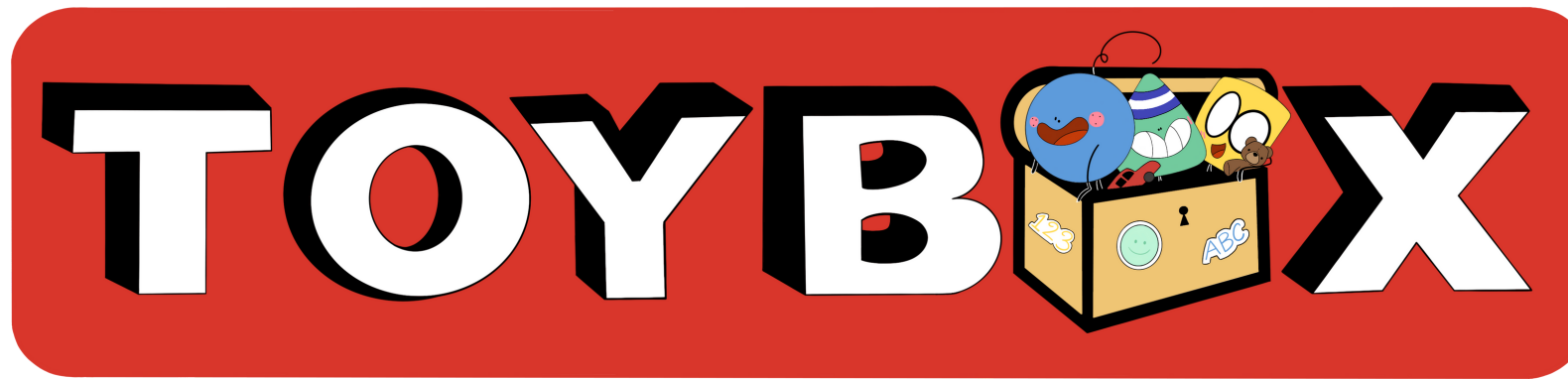
A 100 chart (or "hundreds chart") is a 10 by 10 grid that helps show connections between numbers. You can use this chart to talk about patterns in our base ten number system, and to explore concepts like skip counting and adding two-digit numbers.

- There are many fun ways to use a 100 chart:
- 1. Use a small toy or rock to jump along the numbers as you count.
 - 2. If you have access to a plastic sleeve and dry erase marker, have fun highlighting patterns that you find in the chart.
 - 3. For example: The numbers in each row increase by 1
 - 4. (1, 2, 3...), while the numbers in each column increase by 10 and end in the same digit (5, 15, 25...).
 - 5. Make a game of skip counting by 2s, 5s, and 10s, or use as a visual tool to practice addition!



100

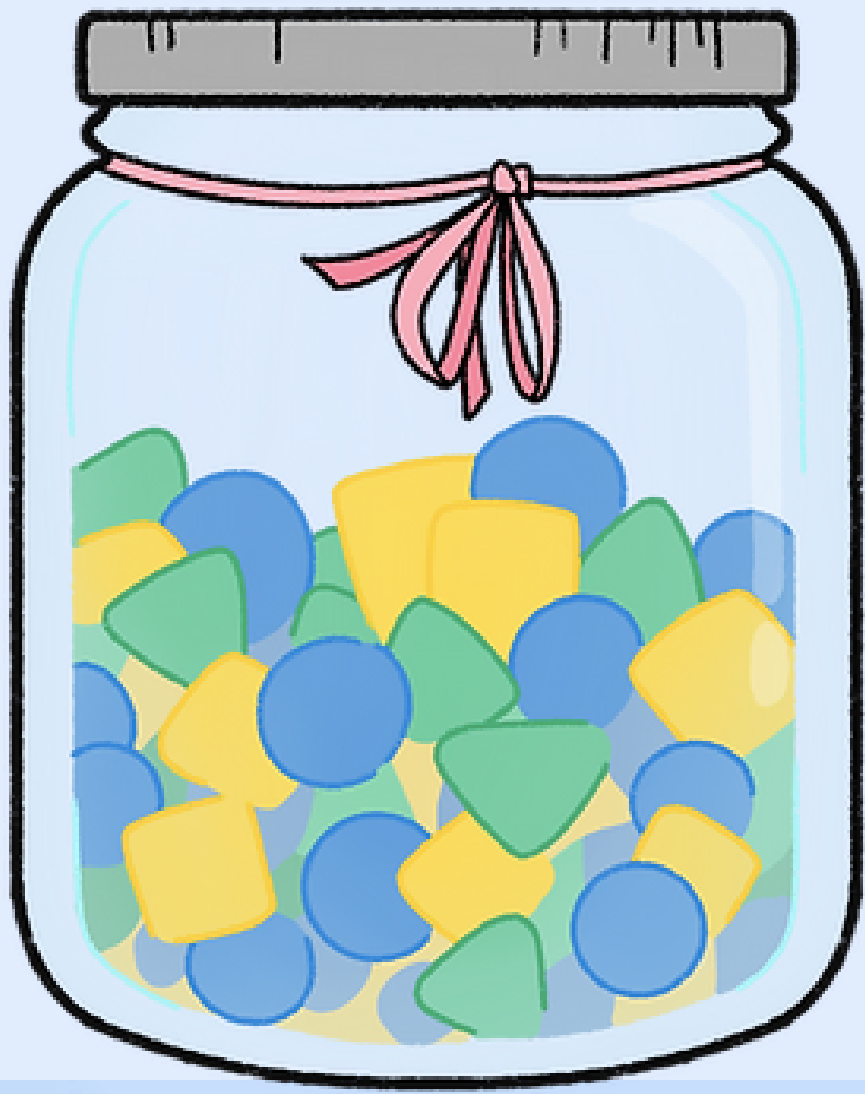
90	91	92	93	94	95	96	97	98	99
80	81	82	83	84	85	86	87	88	89
70	71	72	73	74	75	76	77	78	79
60	61	62	63	64	65	66	67	68	69
50	51	52	53	54	55	56	57	58	59
40	41	42	43	44	45	46	47	48	49
30	31	32	33	34	35	36	37	38	39
20	21	22	23	24	25	26	27	28	29
10	11	12	13	14	15	16	17	18	19
0	1	2	3	4	5	6	7	8	9



Estimation and Prediction

Estimation is a rough measurement of the value, size, number, or amount of something.

Prediction is a statement or a guess about something that will occur in the future.



Try practicing estimation!

"I think there are approximately 15 green triangles in this jar."

"I think it will take 10 minutes to sort the shapes in the jar."

Try practicing prediction!

Flip a coin and guess whether it will fall on heads or tails.

Roll a dice and guess which number it will land on.

