

# Braille Builders: LEGO and Literacy in Tactile Play

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The Braille and Talking Book Library, BSBP  
The Larry Gorton Talking Book Library, TADL



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Perfect for anyone interested in accessible learning through play, this session proves that when it comes to creativity, there are no limits, only possibilities.



[Lego Braille Brick Intro Video](#)



[Molly Burke Unboxing Video](#)

# Reading Braille – by sight, by touch

- Free alphabet cards from [BTBL](#)
- Alphabet cards for [purchase](#)
- [Printable](#) alphabet cards



Photo: Lego Braille Bricks from Lego website

## Braille Alphabet

The six dots of the braille cell are arranged and numbered:



The capital sign, dot 6, placed before a letter makes a capital letter.



The number sign, dots 3, 4, 5, 6, placed before the characters a through j, makes the numbers 1 through 9 and zero. For example: a preceded by the number sign is 1, b is 2, etc.



a	b	c	d	e	f	g	h	i	j
·	·	·	·	·	·	·	·	·	·
k	l	m	n	o	p	q	r	s	t
·	·	·	·	·	·	·	·	·	·
u	v	w	x	y	z	Capital Sign	Number Sign	Period	Comma
·	·	·	·	·	·	·	·	·	·



# Supply List & Cost

- Kits available for purchase online for \$89.99
  - <https://www.lego.com/en-us/product/play-with-braille-english-40656>
- Optional supplies:
  - [Slate and Stylus](#)
  - [Printable braille cell template](#)
  - Braille alphabet cards
  - Puffy Paint or dot markers
  - Extra Lego base plates
  - Dice

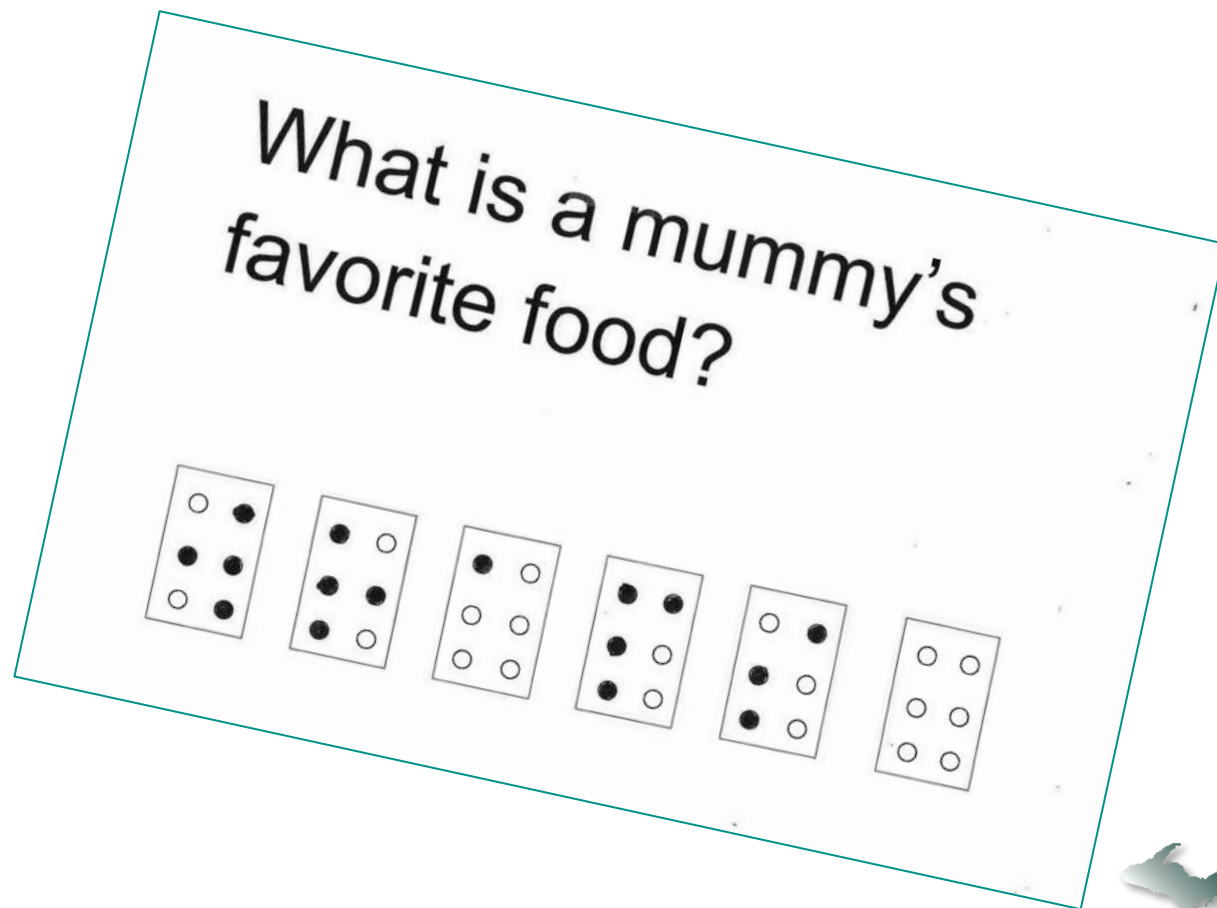


Photo: Lego Braille Bricks from Lego website

# Program Sample – Let's Try It!

Decipher the braille to solve the riddles

- Worksheet
  - Place matching Lego Braille Bricks over the worksheet braille so the answer to each riddle is revealed
  - First to solve every riddle wins!



# Brainstorming Programs



**Passive Program Idea** – Buy a kit, set it out in a community area, and let people explore!

Extra: Challenge them to find the braille displayed around your library (elevator, restrooms, etc). Create a scavenger hunt for a small prize.



**Roll and Pick Numbers Game** – roll the dice, locate the numbers on the baseplate.

Adaptation: Put the numbers in a bag so sighted participants must use touch only to find it.



**What's in your Name (Acoustic poem)** – Write your name in braille vertically on the baseplate. Then think of a word beginning with each letter of your name and spell it out with the braille Legos.

# Your Presenters



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