

The background is white with several colorful circles and dashed lines. In the top left, there is a large teal circle with a white center, a smaller teal circle, and a dashed teal circle. In the top right, there is a large lime green circle, a smaller green circle, and a dashed green circle. In the bottom left, there is a large green circle with a white center, a smaller yellow circle, and a dashed yellow circle. In the bottom right, there is a large orange circle, a smaller pink circle, and a dashed yellow circle. A large dashed blue circle is also present, passing through the text area.

Using Technology to Enhance Literacy in Young Learners

Gail Lovely

GailLovely@SuddenlyitClicks.com

SuddenlyItClicks.com

Favorite children's books


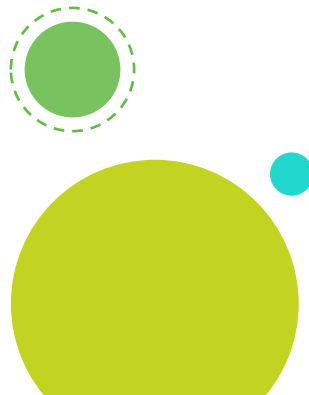

mapped by home location of
attendees during the session

<https://bit.ly/favbooksforlittles>





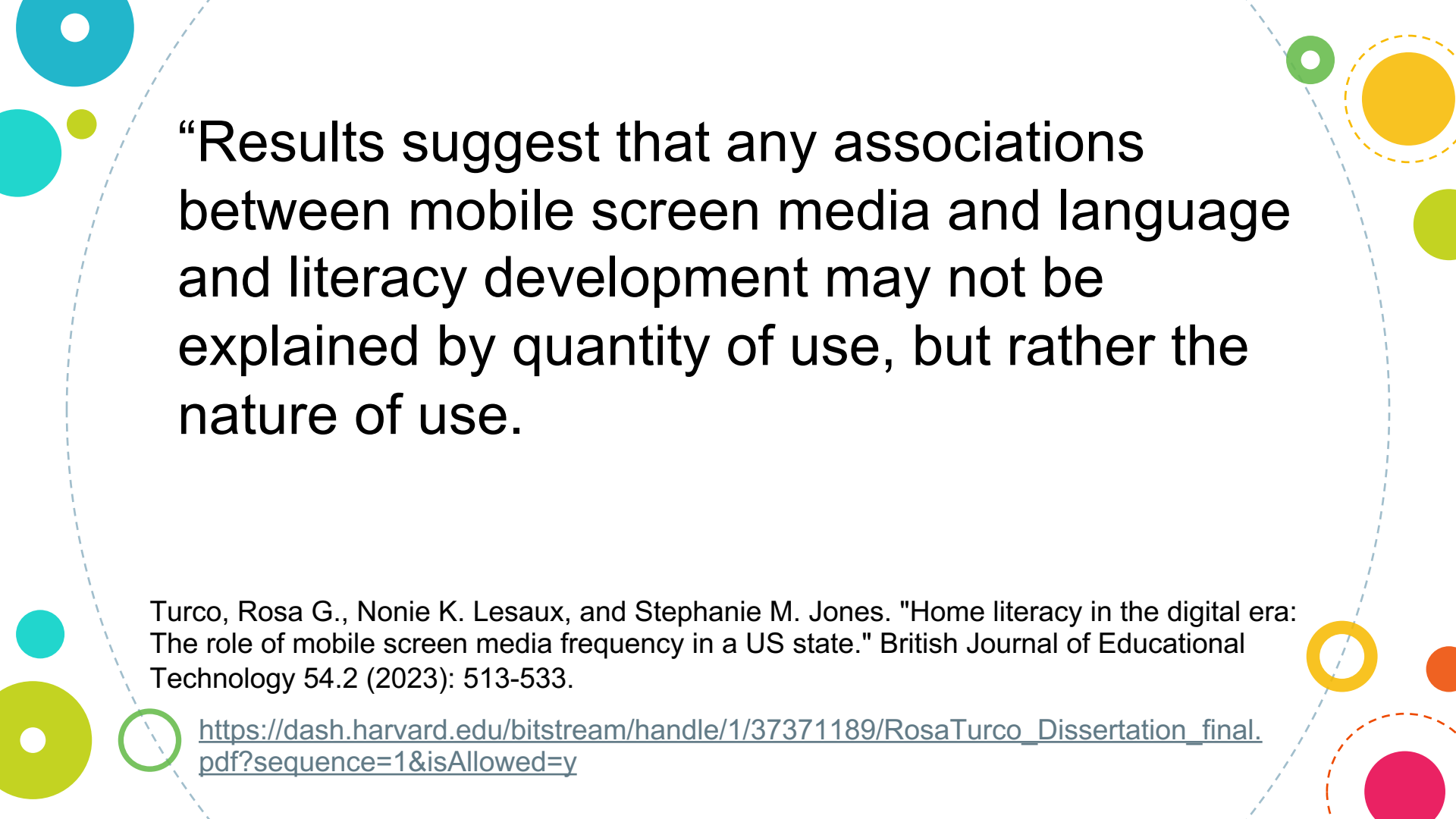
Quick Goals



Everyone learns something,
thinks about something,
shares something, wonders
about something, *mostly*
related to little learners and
the roles of technologies in
literacy and learning.



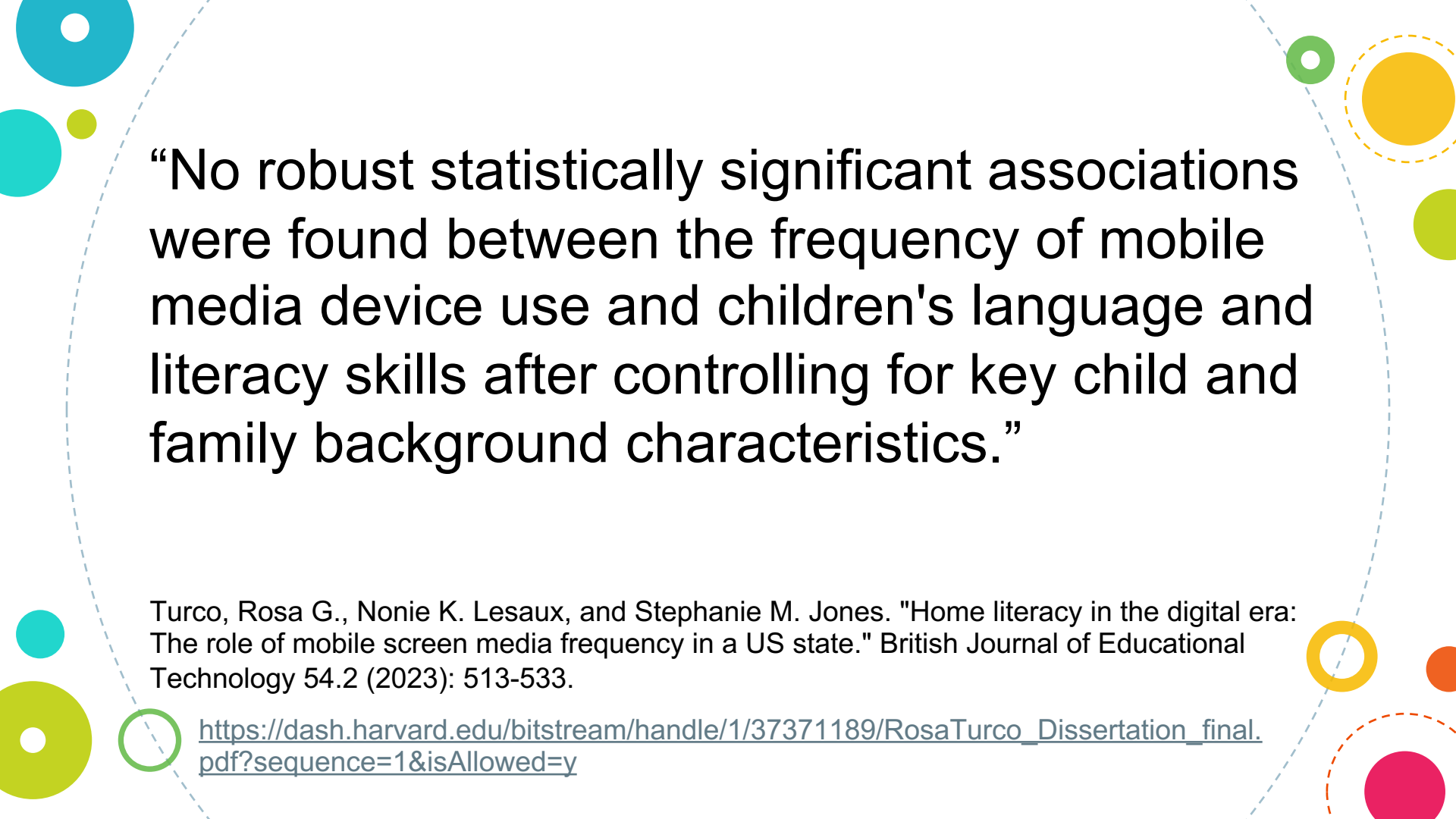
What does
“research” say
about technologies
and literacy?



“Results suggest that any associations between mobile screen media and language and literacy development may not be explained by quantity of use, but rather the nature of use.

Turco, Rosa G., Nonie K. Lesaux, and Stephanie M. Jones. "Home literacy in the digital era: The role of mobile screen media frequency in a US state." *British Journal of Educational Technology* 54.2 (2023): 513-533.

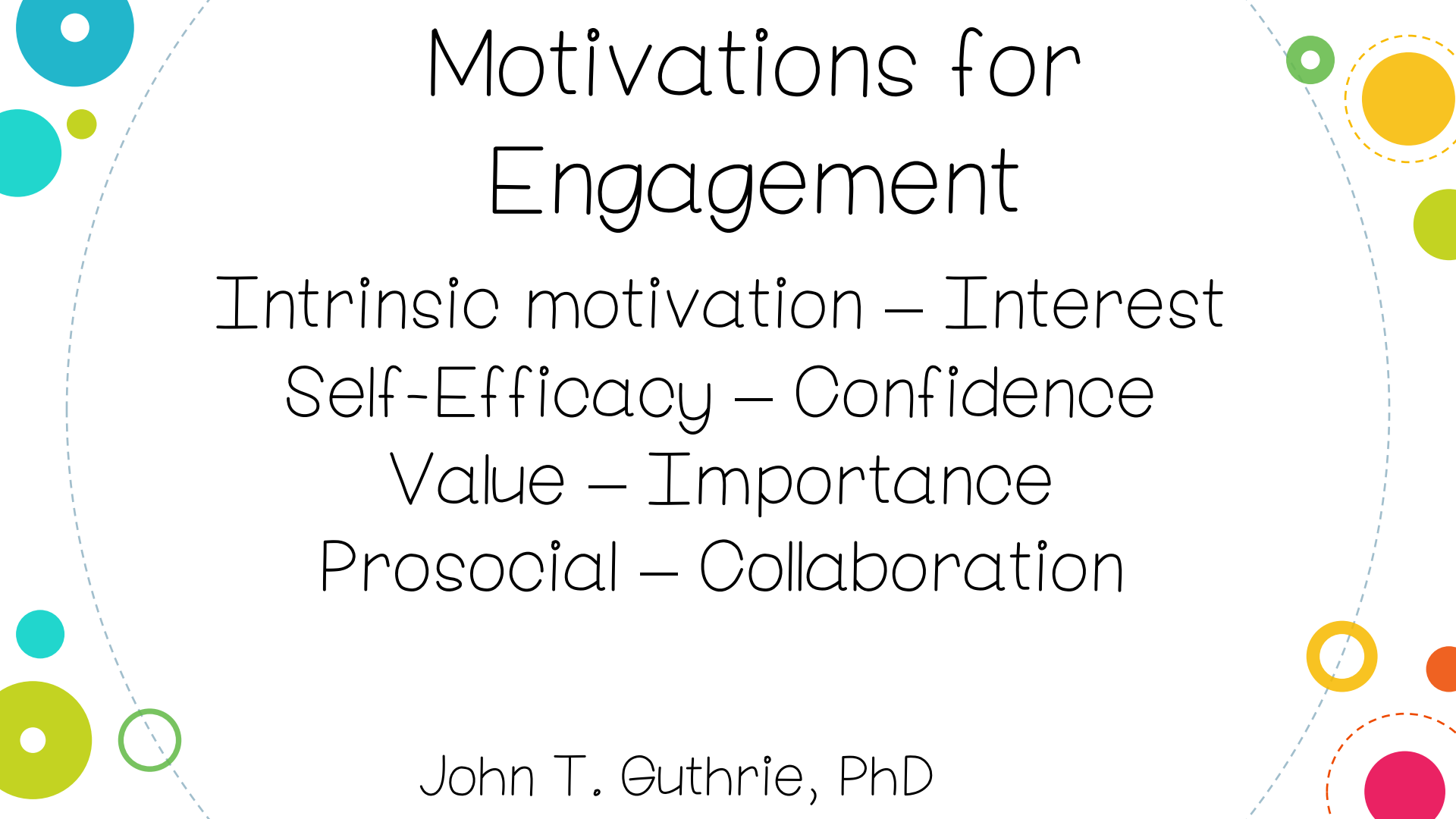
https://dash.harvard.edu/bitstream/handle/1/37371189/RosaTurco_Dissertation_final.pdf?sequence=1&isAllowed=y

The background features a white surface with several colorful circles in shades of blue, green, yellow, and orange. Some circles are solid, while others are dashed. A light blue dashed line forms a large, irregular shape that frames the central text.

“No robust statistically significant associations were found between the frequency of mobile media device use and children's language and literacy skills after controlling for key child and family background characteristics.”

Turco, Rosa G., Nonie K. Lesaux, and Stephanie M. Jones. "Home literacy in the digital era: The role of mobile screen media frequency in a US state." *British Journal of Educational Technology* 54.2 (2023): 513-533.

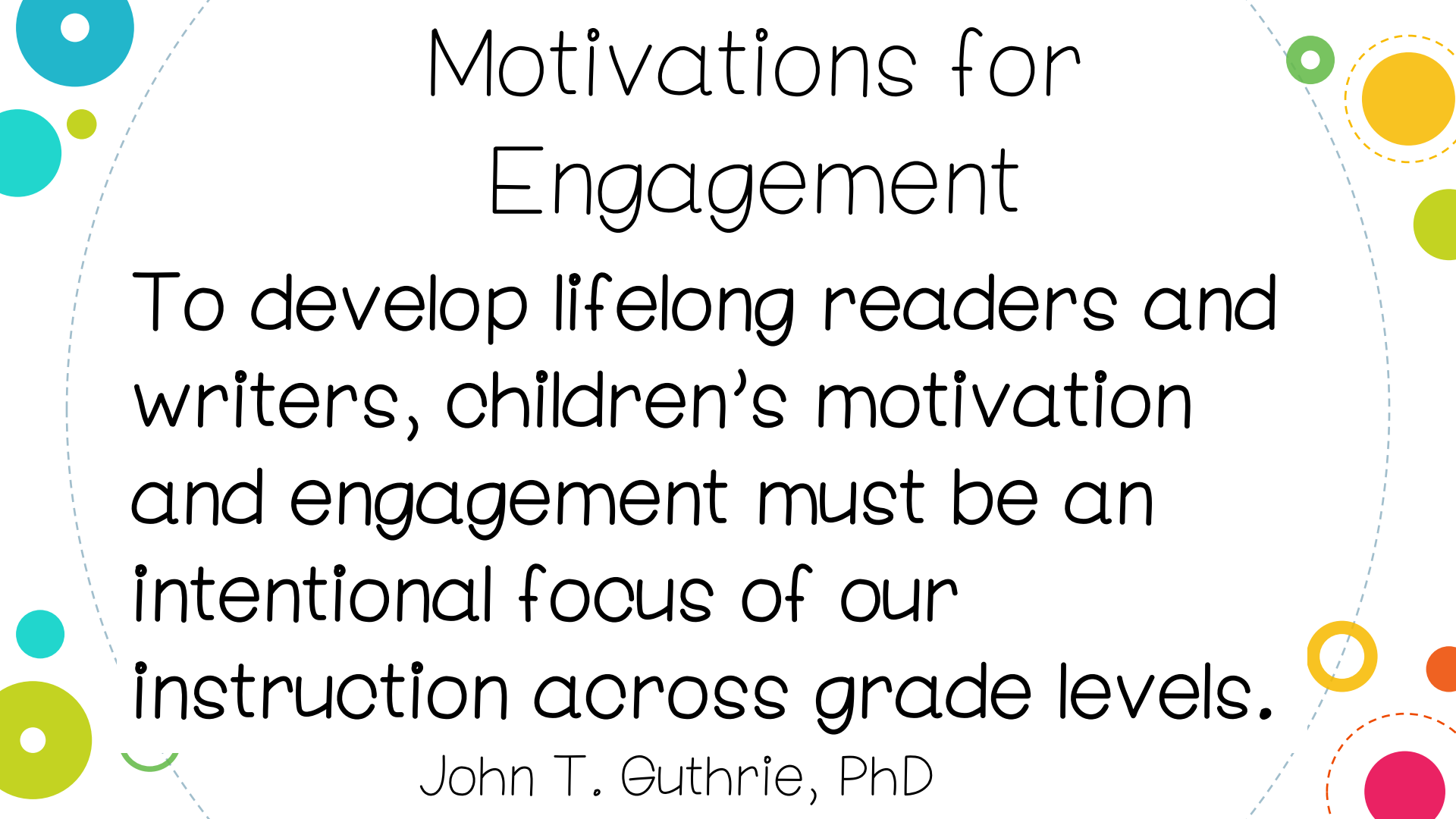
https://dash.harvard.edu/bitstream/handle/1/37371189/RosaTurco_Dissertation_final.pdf?sequence=1&isAllowed=y

A decorative graphic featuring a large, light blue dashed circle that frames the central text. Scattered around the perimeter of this circle are various smaller circles in different colors: teal, lime green, yellow, orange, and pink. Some of these smaller circles are solid, while others are hollow or have dashed outlines. The overall design is clean and modern, typical of a presentation slide.

Motivations for Engagement

Intrinsic motivation – Interest
Self-Efficacy – Confidence
Value – Importance
Prosocial – Collaboration

John T. Guthrie, PhD

A decorative graphic featuring a large, light blue dashed circle that frames the text. Scattered around the perimeter of this circle are various smaller circles in solid colors (blue, green, yellow, orange, pink) and dashed outlines. Some of these smaller circles are also in solid colors.

Motivations for Engagement

To develop lifelong readers and writers, children's motivation and engagement must be an intentional focus of our instruction across grade levels.

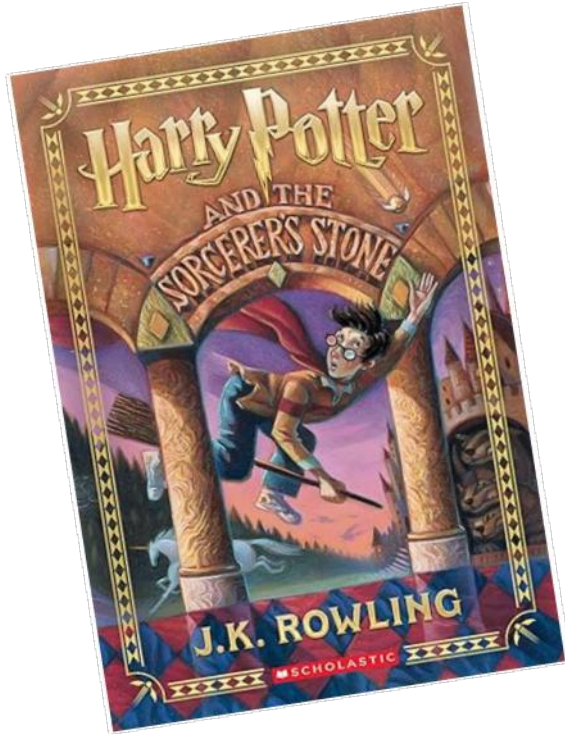
John T. Guthrie, PhD

Motivations for Engagement

Children who are motivated to read spend more time reading (Guthrie et al., 1999; Morrow, 1992; Wigfield & Guthrie, 1997).

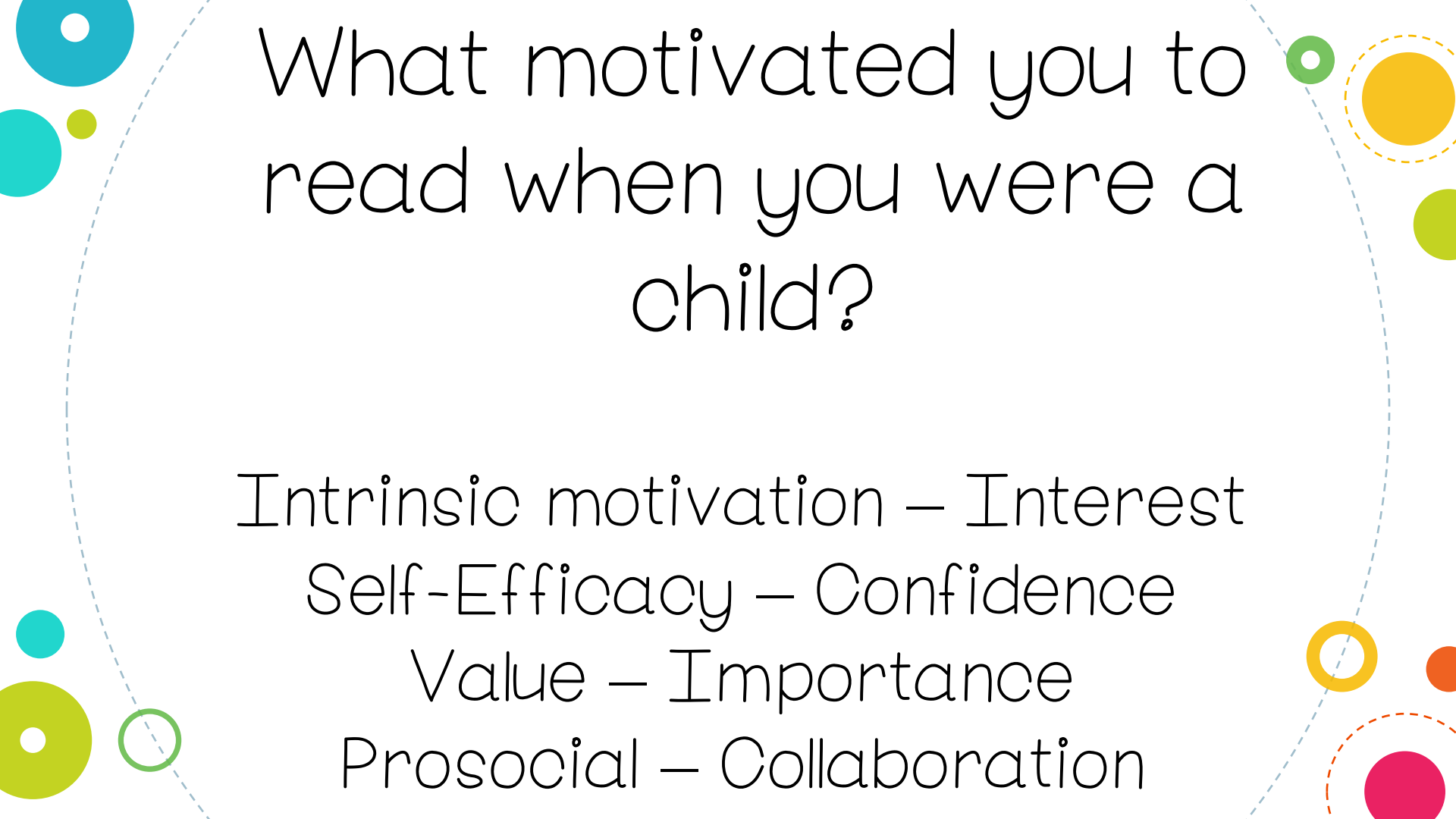
Reading motivation has also been linked to the development of lifelong readers (Morrow, 1992; Wang & Guthrie, 2004).

Motivations for Engagement



Would you
assign a 320
page book to
an 8 year old?

<https://matthewomara.com/2015/07/24/harry-potter-misconceptions/>

A decorative graphic featuring a light blue dashed line that curves around the text. Various colored circles (blue, green, yellow, orange, pink) are scattered along the line, some solid and some hollow.

What motivated you to read when you were a child?

Intrinsic motivation – Interest
Self-Efficacy – Confidence
Value – Importance
Prosocial – Collaboration

What motivates your students to read?

Intrinsic motivation – Interest
Self-Efficacy – Confidence
Value – Importance
Prosocial – Collaboration



we are at a
TECH
conference!



Cameras!

Simplest Tech Tool, available and easy

We shared images from our phones
with each other without telling
ANYTHING about them

Then we discussed the importance
of adding the story of the pictures,
and how important that is for
children too.



Simple can be good!

1. Use a camera (with internet access) to take a picture of something that starts with the sound /t/.
2. Using the same device, go to <http://bit.ly/lovelyteatime>.
3. Add your image to the Padlet.
select +
select the photo icon
add your picture
add a caption or subject
select “publish”



More than Cameras!

Pictures trapped in devices (OR trapped on paper) without their “stories” lack meaning and power.

Tools for creating images also can add to options for some learners.

Approach:

Leveraging technology to enhance/enable/improve already valued activities and experiences.



(like these student created books using teacher transcription of the text)



Experience Goal

Provide young learners with meaningful shared experiences with audiences beyond their teacher.



Technology Goal:

Use a very reusable tool which provides access beyond text and image.



A decorative graphic on the left side of the slide featuring several overlapping circles in various colors (pink, orange, yellow, green, blue) and dashed outlines of the same colors. The circles are of different sizes and are arranged in a way that they appear to be floating or overlapping each other.

An example

A class of 3- and 4-year olds and their teacher created an animal book using crayons and Cherokee and English languages, (AND animal languages too).




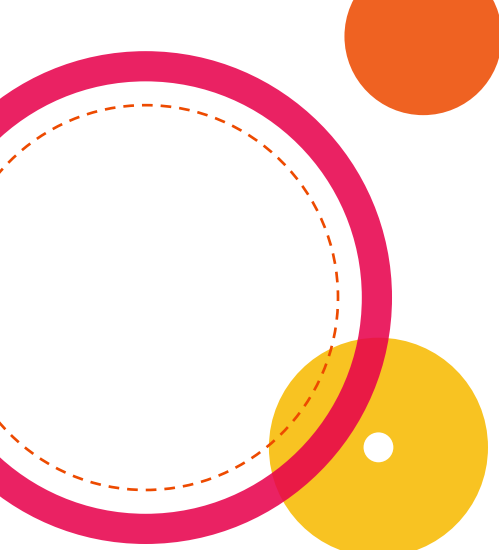
Teacher doing the written narration with the student doing the oral narration on a crayon-drawn book page.

A decorative graphic on the left side of the slide featuring several overlapping circles in various colors (pink, orange, yellow, green, blue) and dashed outlines of the same colors. The circles vary in size and are arranged in a cluster.

The Why

Giving children voice and choice and publishing their work for all to see empowers them and furthers their language experience and fluency.

A decorative graphic on the right side of the slide featuring several overlapping circles in various colors (blue, yellow, orange, green) and dashed outlines of the same colors. The circles vary in size and are arranged in a cluster.



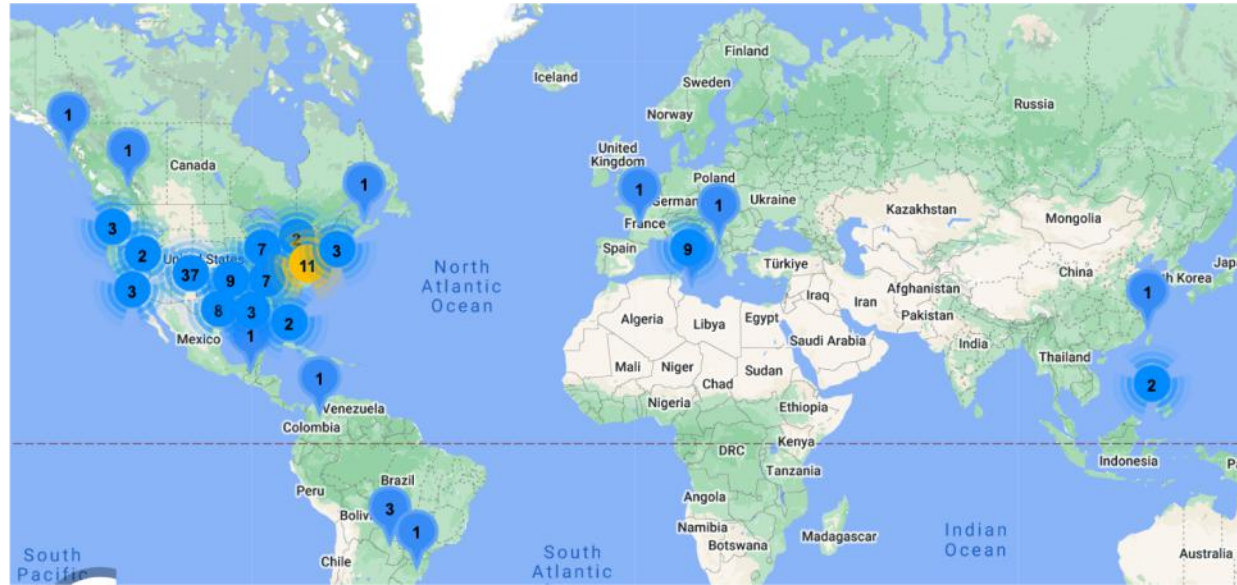
During Naptime they
became published
authors...



<https://bit.ly/CherokeePreschoolbook>




The Audience



123 reads in 13 countries



The Tool


Book Creator (bookcreator.com) 
(free and paid versions)





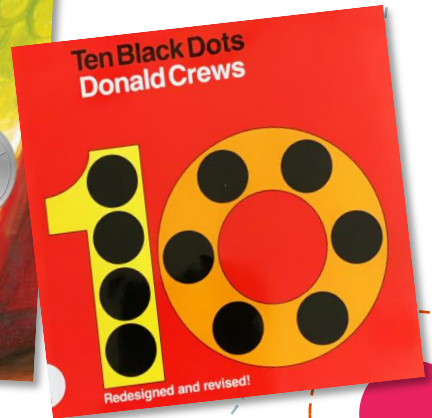
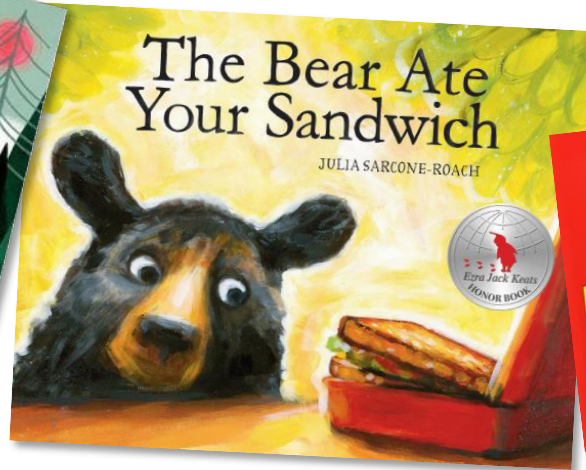
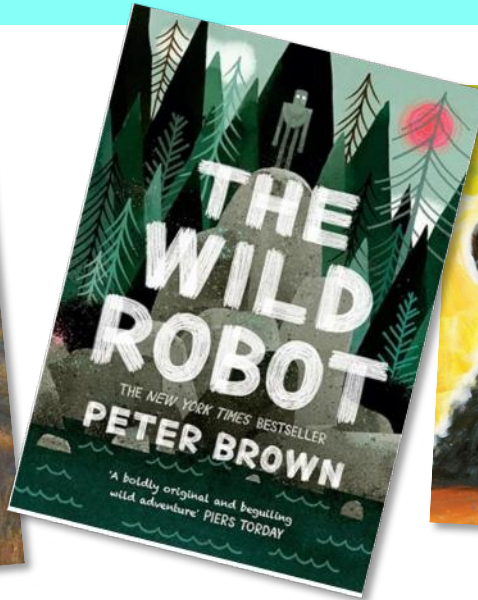
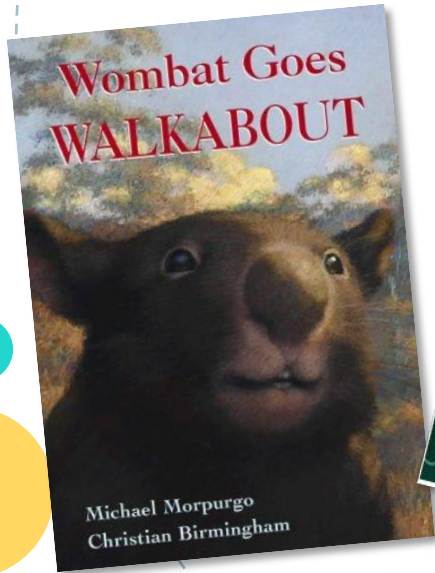
Benefits:

Capturing voice and text leads to language connections, especially with young learners.

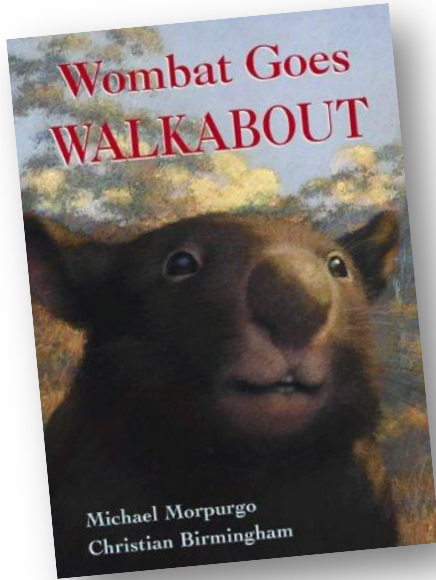


Having student work shared online, provides extended family access and opportunities for engagement around school skills and topics.

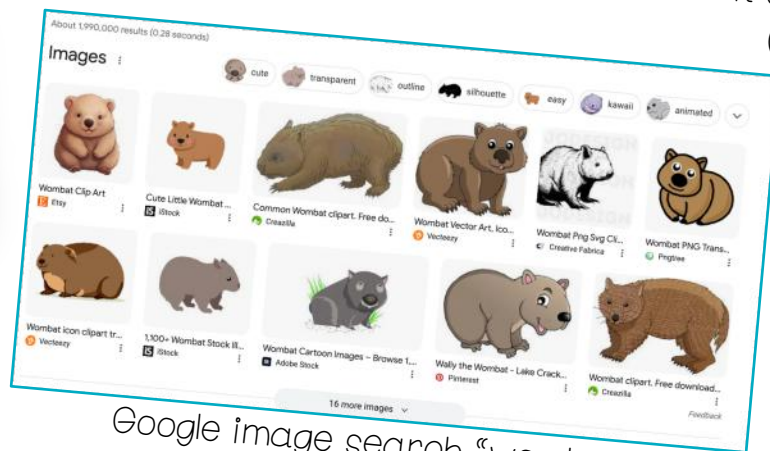
Books, I LOVE Them...



What do “we” know about wombats?

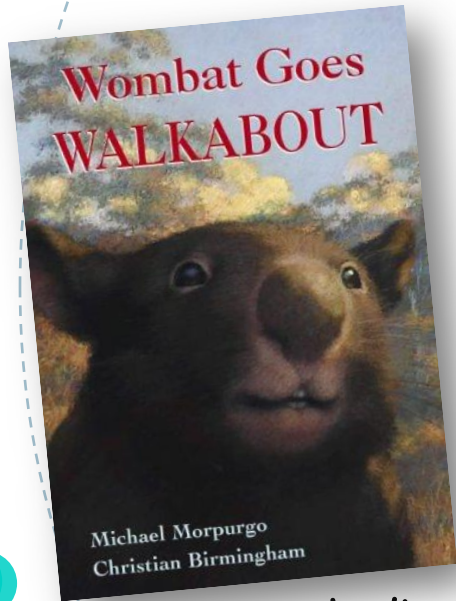


Work it out Wombats!
(PBS)



Google image search “wombat”

What do “we” know about wombats?



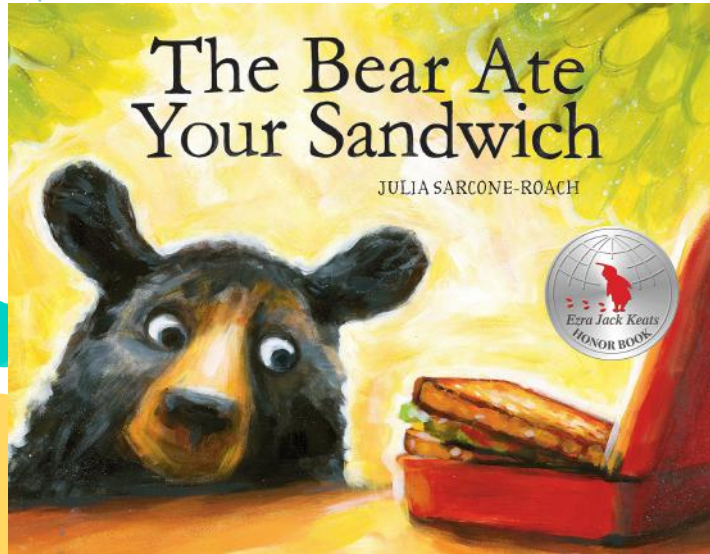
How do we know about wombats?

What is “real” & what is “not-real”
about wombats?

What do we wonder about wombats?

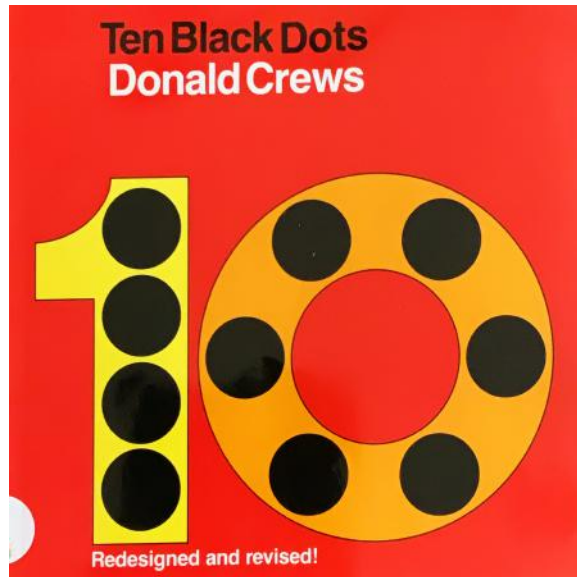
<https://bit.ly/wombatcopy>

How can we make paper-based
books more interactive,
more informative,
fertile ground for sharing?



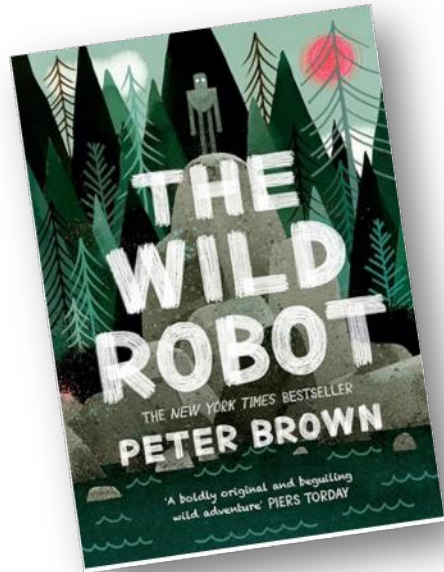
<https://padlet.com/glovely/bearprediction1>

How can we make paper-based
books more interactive,
more informative,
fertile ground for sharing?



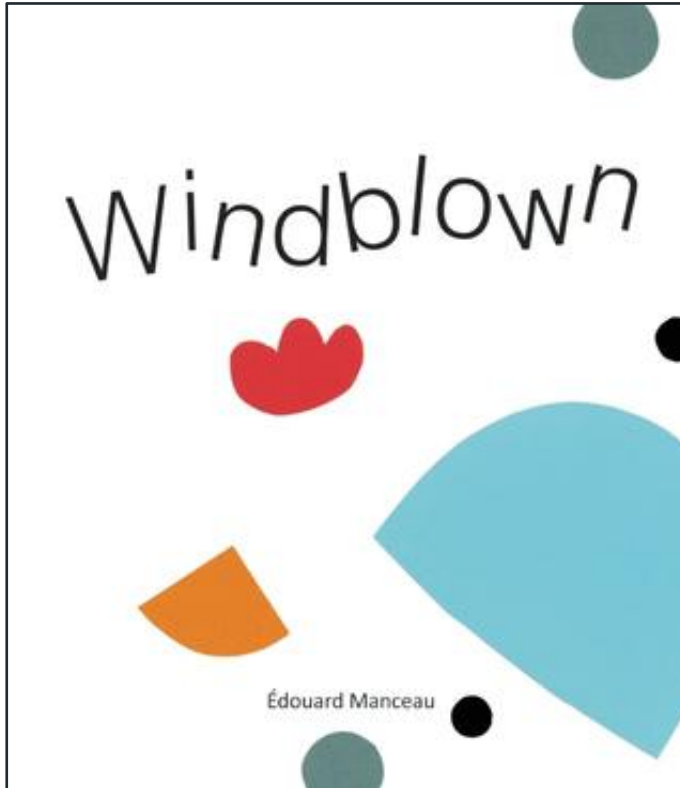
<https://bit.ly/tendotsplaycopy>

How can we make paper-based books more interactive, more informative, fertile ground for sharing?



<https://bit.ly/wildrobotthoughts>

How can we make paper-based books more interactive?



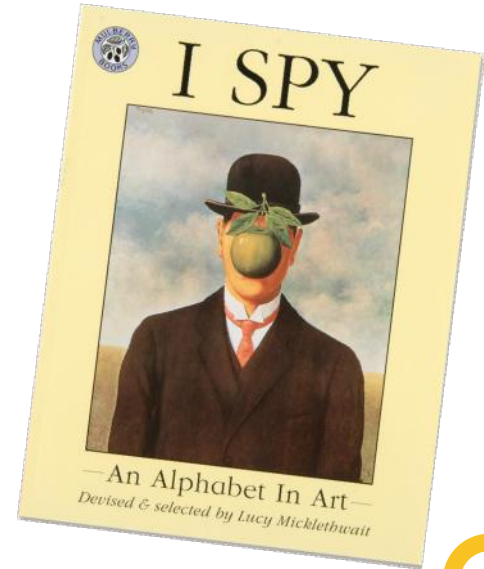
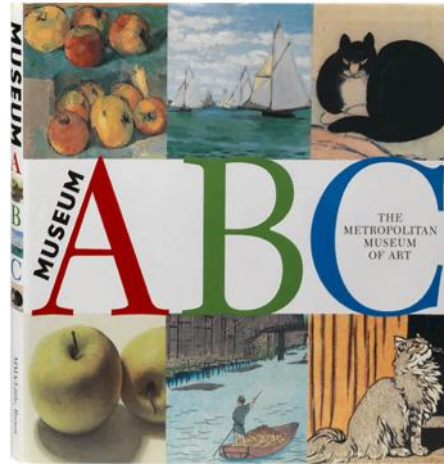
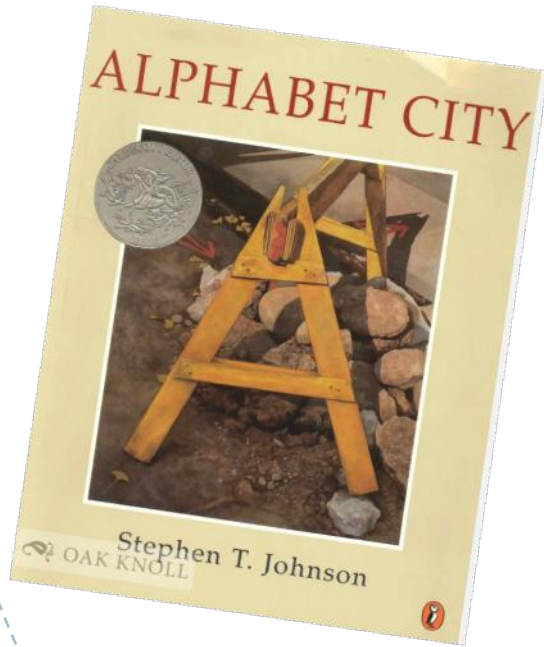
<https://read.bookcreator.com/1BUQQAjZqpYbgOelChQOuzc17rg2/6liuhhVuS4SebYJyL9ucSw>

Can we leverage
alphabet books and tech?

The answer
is YES!

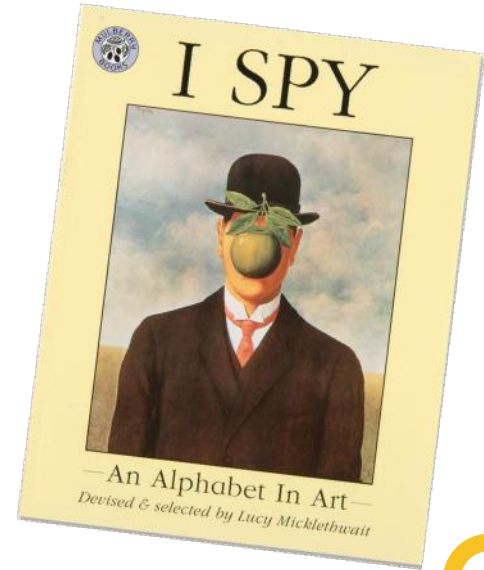
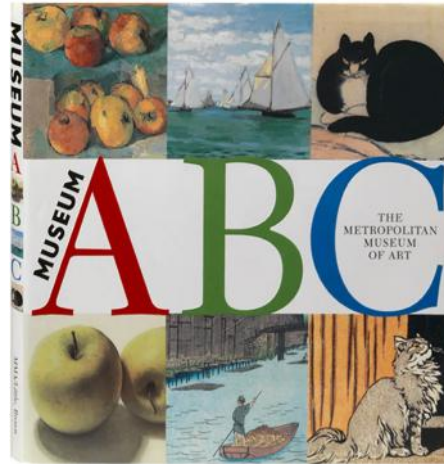
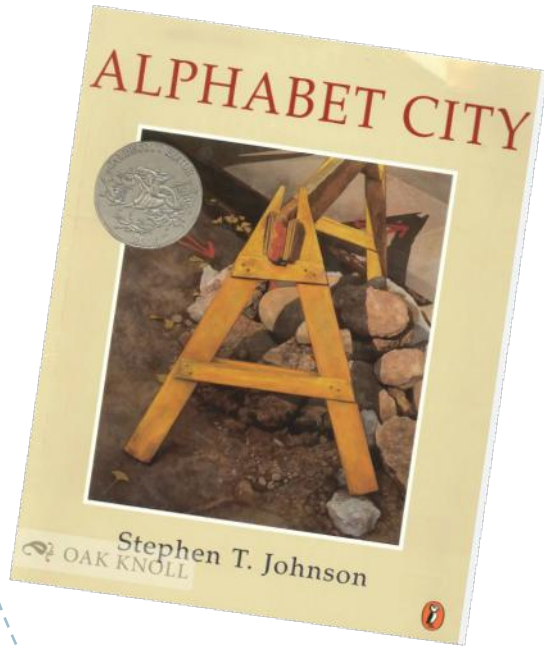


How can we leverage alphabet books and tech?



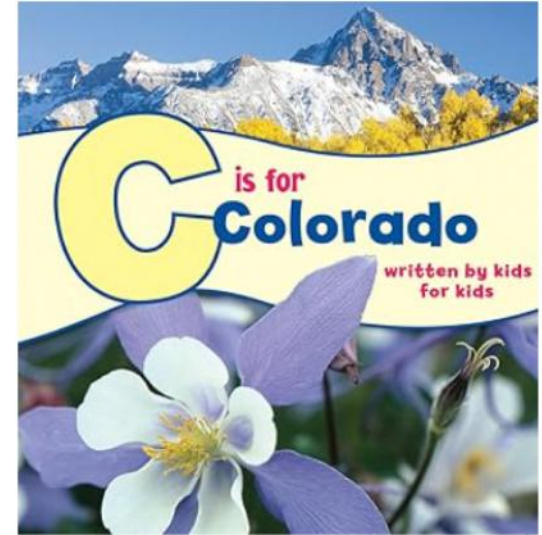
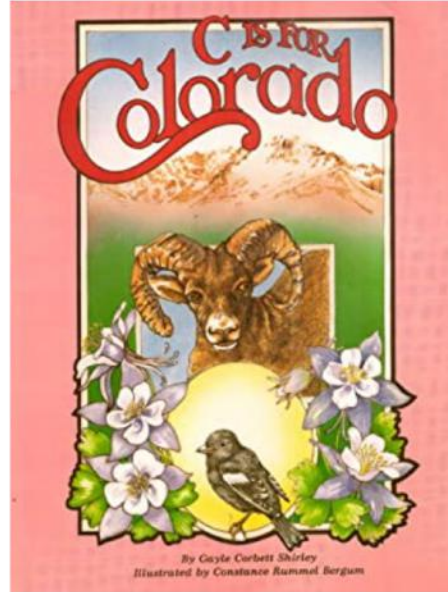
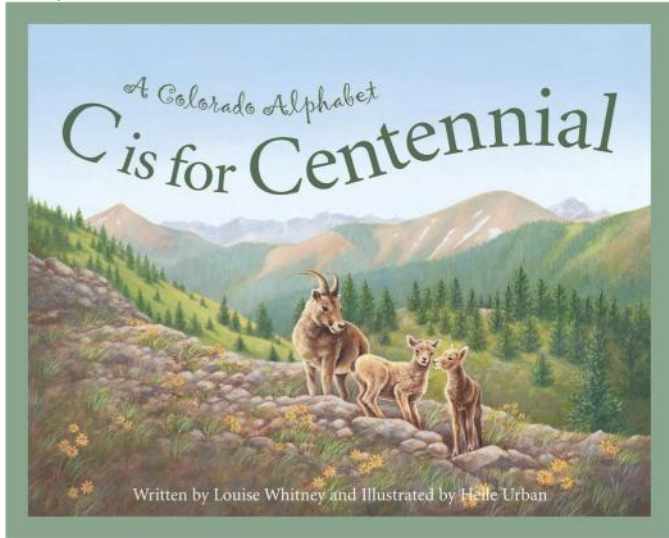
Give purpose to photography, find letters in places visited, both daily and on special trips.

How can we leverage alphabet books and tech?



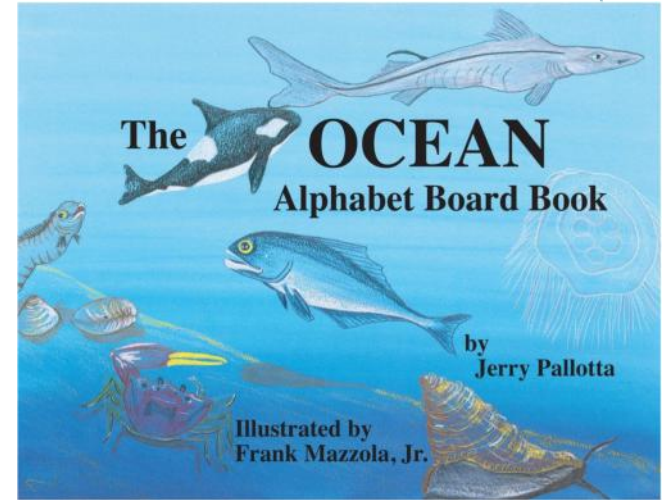
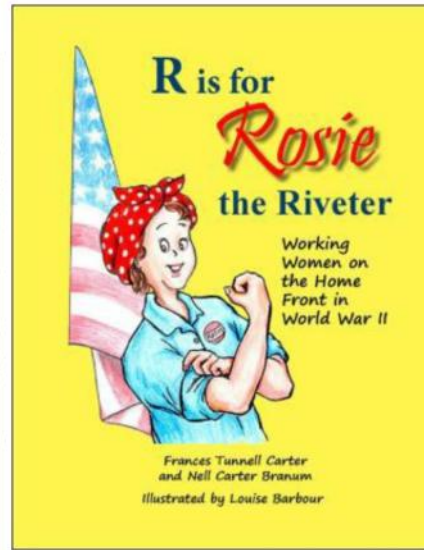
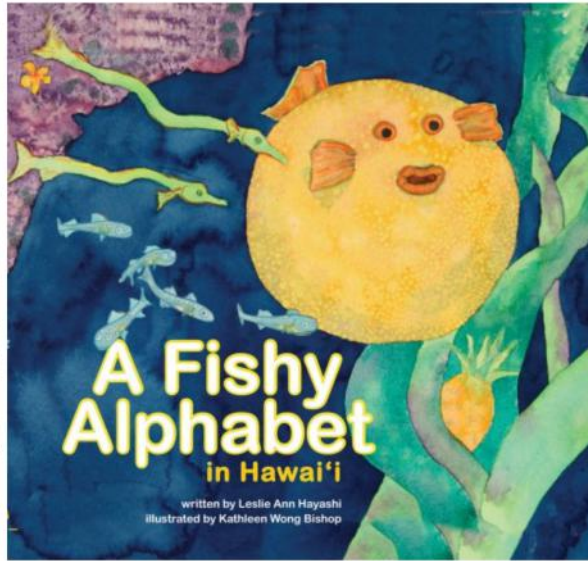
Give purpose to photography, find letters in places visited.

How can we leverage alphabet books and tech?



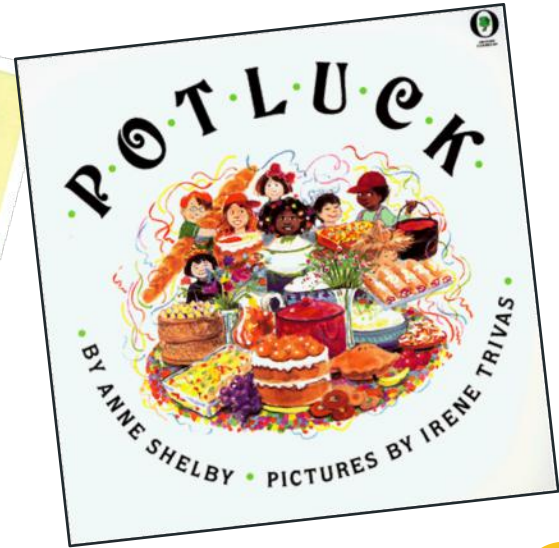
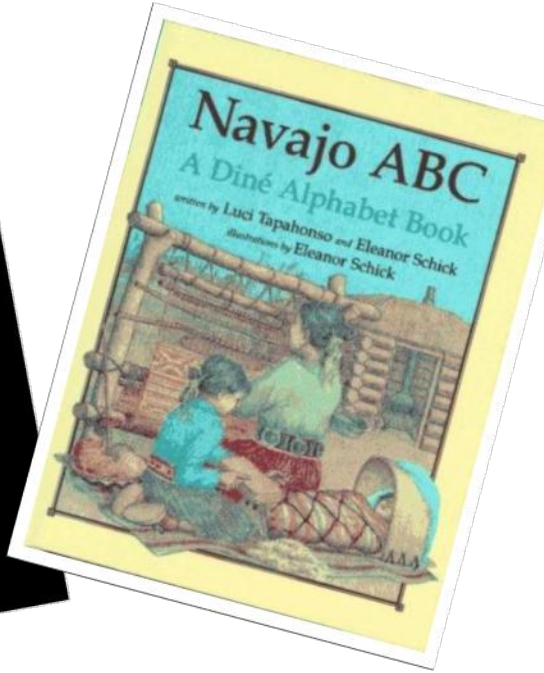
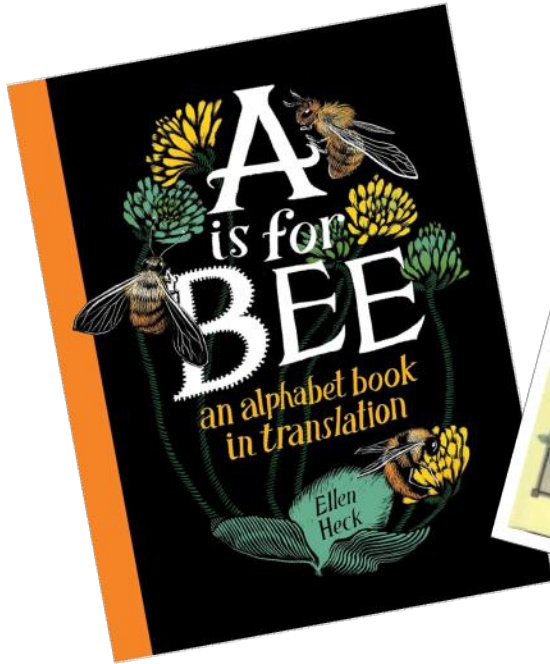
Give purpose to photography in local area.

How can we leverage alphabet books and tech?



To share content knowledge with others in an ABC Book format.

How can we leverage alphabet books and tech?



To share languages and cultures with others.

A decorative graphic on the left side of the slide featuring several overlapping circles in various colors (orange, yellow, green, blue, pink) and dashed lines of the same colors. The circles vary in size and some have smaller circles inside them.

Robots and Literacy

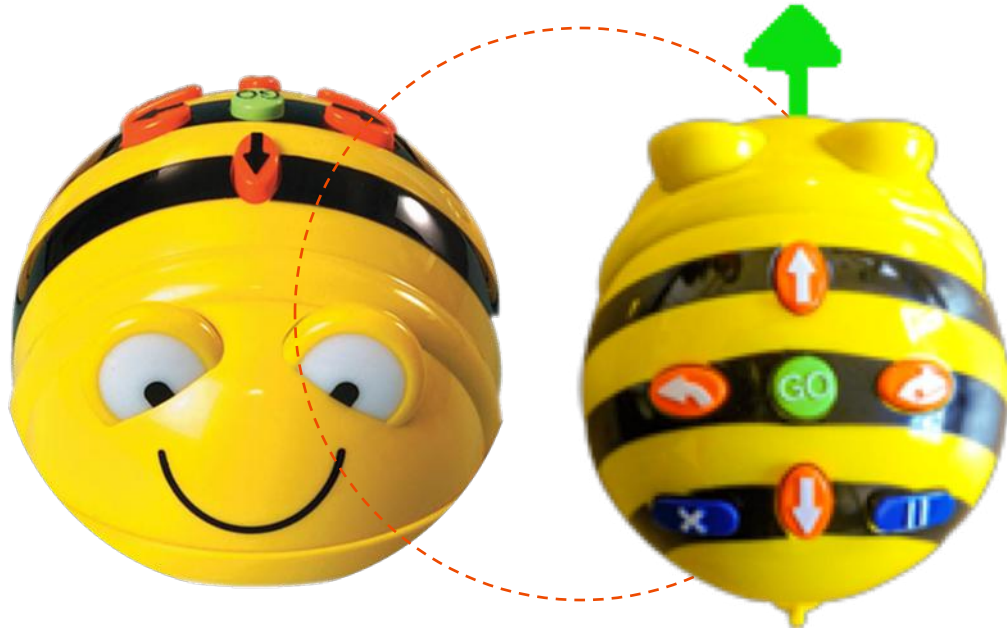
Coding allows children to develop computational thinking skills by engaging in activities like creating algorithms, which enhance their sequencing abilities—crucial for both reading and mathematics.



Robots and Literacy

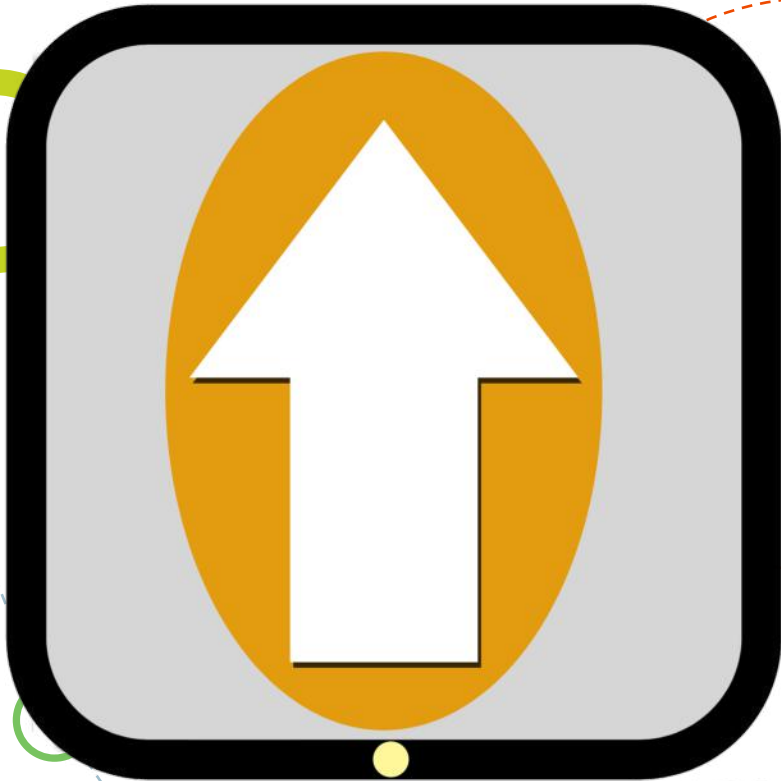
In the literacy world,
directionality and order **really**
matter... and this is also true with
robots.

Robotics



Bee-Bot (as an example)

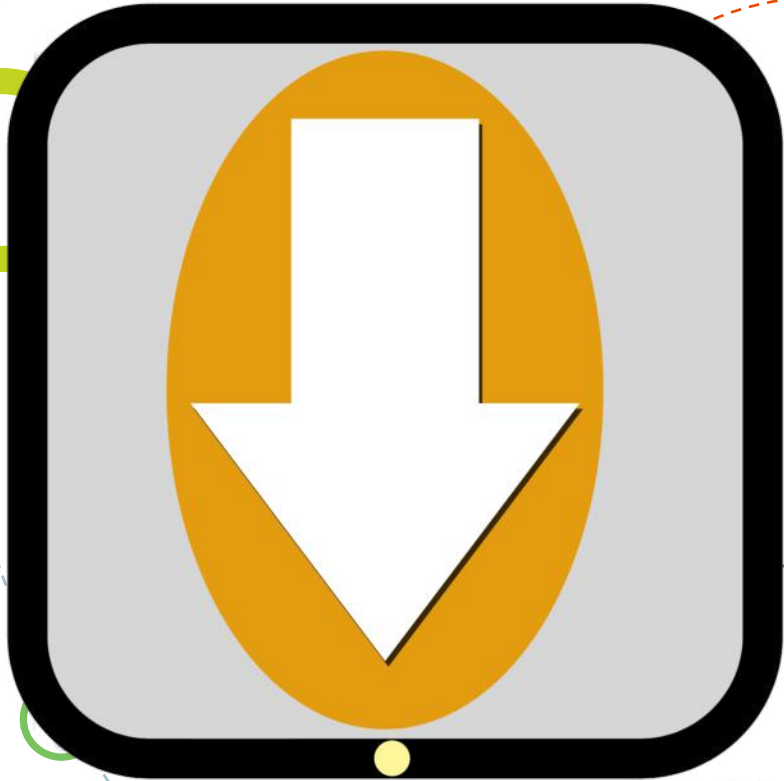
directionality



forward

Note: the little yellow dot is to help children hold the "tile" with the button to the button" (the dot (button) side close to their belly button) because directionality matters.

directionality

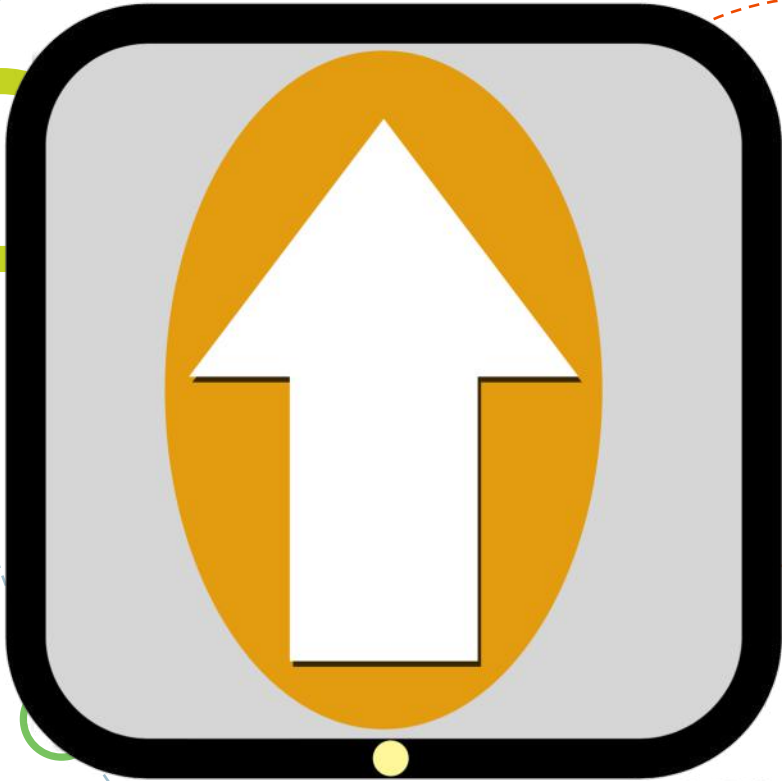


Bee-Bot Style

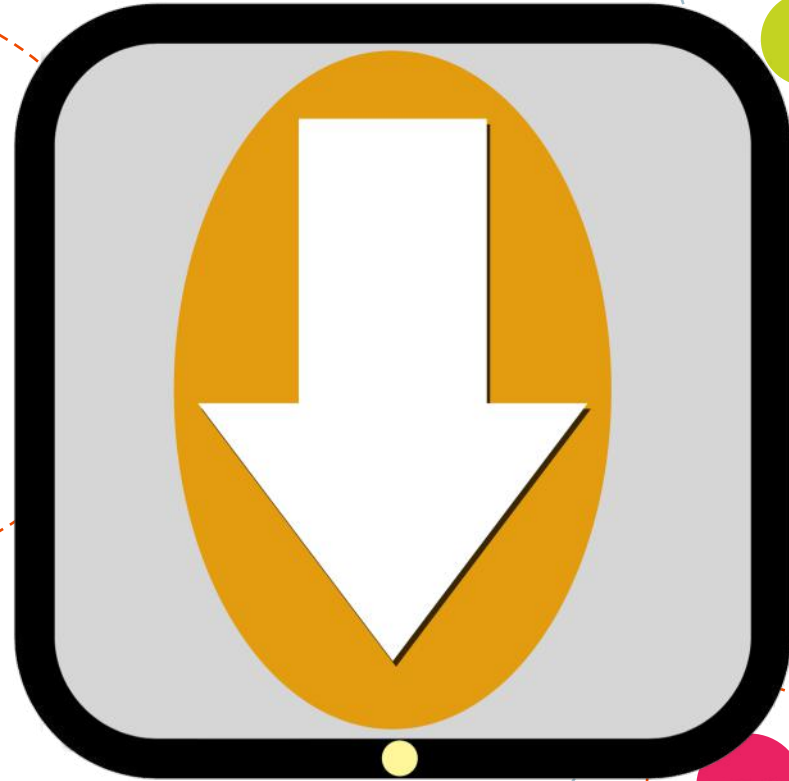
Backward

Note: the little yellow dot is to help children hold the "tile" with the button to the button" (the dot (button) side close to their belly button) because directionality matters.

directionality



Bee-Bot Style

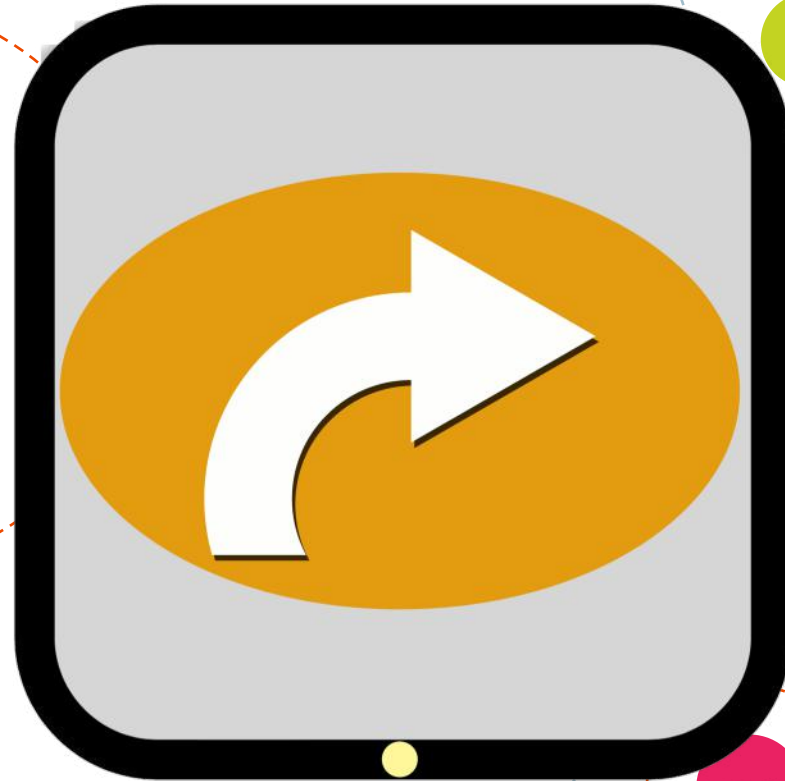


Bee-Bot Style

directionality

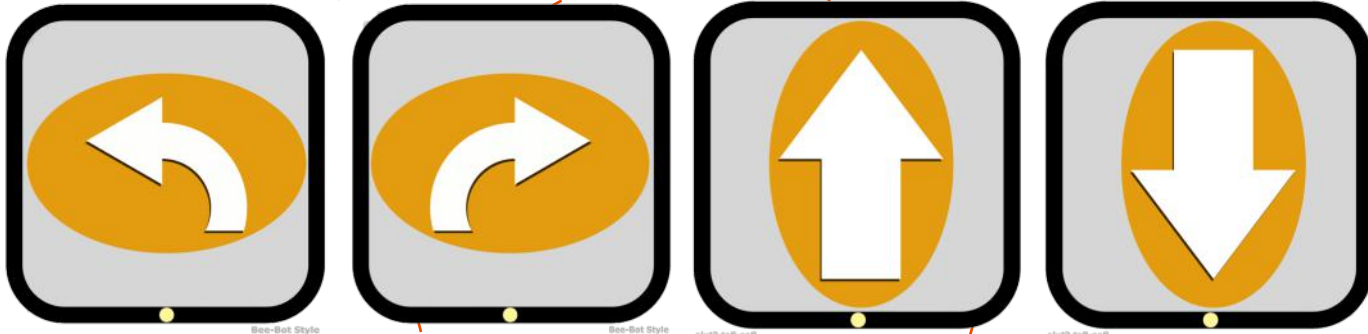


Bee-Bot Style



Bee-Bot Style

directionality



d

b


p

q

Directionality is important and a noticed detail in robotics AND in literacy


Bee-Bot Mystery Number

FFRBLFFRFLFLFFFRRBRFF

7	13			8	
		5			11
3	12			4	
	14		9		10
			6		
2		1		15	

Follow the code,
Where does the
Robot end up?

Order matters

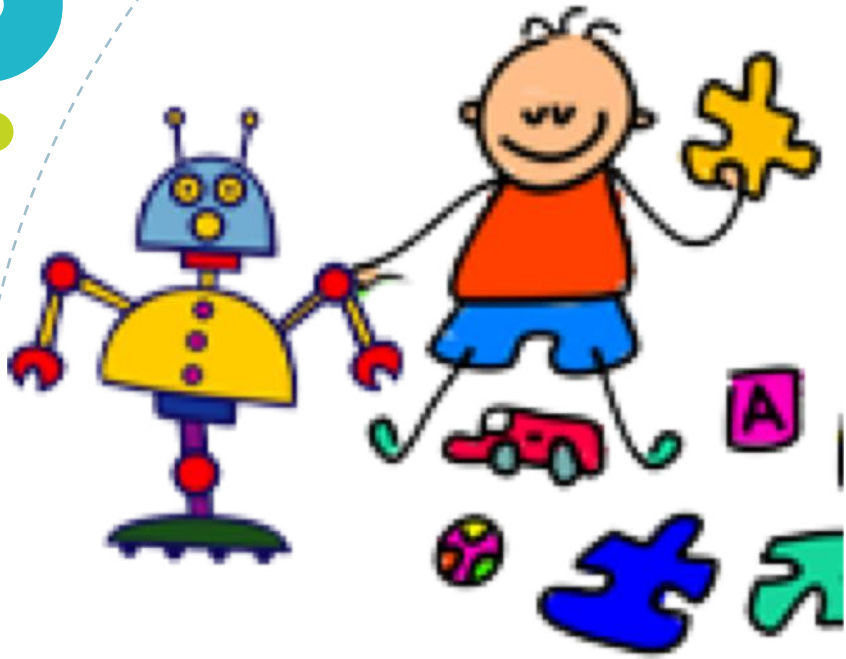
7	13			8	
		5			11
3	12			4	
	14		9		10
			6		
2		1		15	

FLFFL

6

LFFFL

1



Be careful about
books **about**
robots for young
children...

Robots are not our friends...
Robots are not boys or girls...
Robots are not alive...

But...HOW?

Share your Picture on Padlet



- 1 Scan the QR Code to open Our Padlet



- 2 Touch the plus icon. Then touch the add picture icon.



- 3 Touch the picture you want to add.



- 4 Touch **Publish**



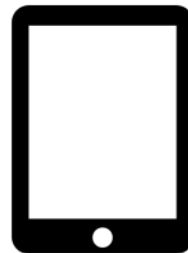
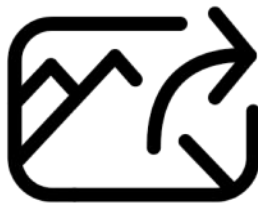
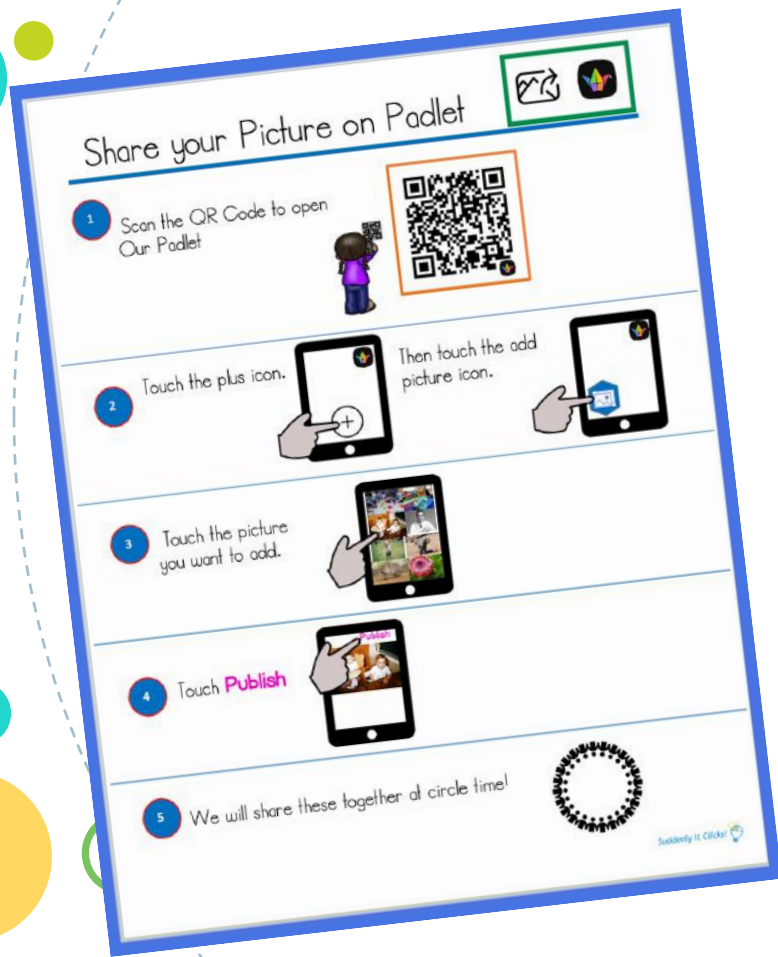
- 5 We will share these together at circle time!



Use icons, the same icons, in support materials to lead learners toward independence.

Icons as support tools.

Collect a “set” of icons and use them over and over again...



Use re-usable tools

Book Creator (free/paid)

[Bookcreator.com](https://bookcreator.com)

Padlet (free/paid)

[Padlet.com](https://padlet.com)

Google Slides (or similar)

Beebots/Bluebots (or similar)



Use re-usable tools

Bitly

(free/paid)

bitly.com

The Noun Project

(free/paid)

thenounproject.com

Not safe for student or family use!






SO what is the BIG idea?

ACTIVE use of technologies by learners



The background is white and decorated with various colorful circles and dashed lines. In the top left, there is a large orange circle with a dashed red outline, partially overlapping a yellow circle. Below the yellow circle is a small pink circle. In the bottom left, there is a large yellow circle, a small cyan circle, and a green circle with a dashed green outline. In the top right, there is a green circle with a white dot in the center, a small orange circle, and a yellow circle with a dashed yellow outline. In the bottom right, there is a large cyan circle with a white dot in the center, a small cyan circle with a dashed cyan outline, and a green circle with a dashed green outline. The text is centered in the middle of the image, with a dashed blue circle behind it.

We know we are using
technology well when
technology enables,
enhances, or
documents
learning by children

A decorative graphic featuring several overlapping circles in teal, lime green, magenta, and orange. Dashed lines in corresponding colors connect some of the circles, creating a network-like pattern around the central text.

Thank you!

Please reach out if you have questions, ideas, or are looking for further information and/or support

Gail Lovely

GailLovely@SuddenlyItClicks.com

SuddenlyItClicks.com

Credits

Fonts and Layout

Slides design from Slides Carnival

- © Font(s) from Hello Fonts

Icons

Icons from the Noun Project

- © Add file by Poups
- © Share image by JS
- © Tapping hand by iconosphere
- © Tablet icon by jr

Suddenly It Clicks!

