Today's Presenters







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WOMBATS TRIVIA!

- 1. What do you call a group of wombats?
- 2. How fast can a wombat run?
- 3. Wombats are native to which country?
- 4. Wombat poop is a particular shape. What is that shape and what purpose does the shape serve?



GBH enriches people's lives through programs and services that educate, inspire, and entertain, fostering citizenship and culture, the joy of learning, and the power of diverse perspectives.

Public media leader for 70+ years

Largest contributor to PBS



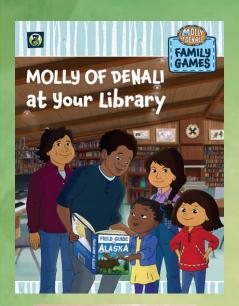


MASTERPIECE.

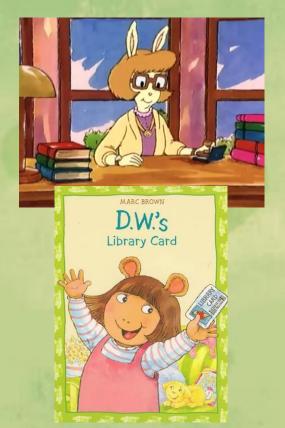








Libraries and Public Media: An Ideal Partnership







Images provided by GBH





Supporting early computational thinking across rural home and library settings

WORK IT OUT WOMBATS! OVERVIEW

- Groundbreaking PBS KIDS multimedia initiative
- Targeting children ages 3-6 with foundational CT skills
- Show about community, family, and solving problems together
- Components:
 - Television episodes
 - Website with games
 - Podcast series
 - Resources for educators and caregivers
 - R&D initiatives



What Is Computational Thinking?



"WORK IT OUT @ YOUR LIBRARY"

- Funded by a grant from the National Science Foundation.
- Create a motivating pathway through CT resources in a way that makes it easy and fun for rural families to explore CT.
- Create a new library model that leverages librarian's enthusiasm to support family learning.
- Generate and share research to inform the field.





Images provided by GBH

THE LIBRARY WORKING GROUP

- OCLC's WebJunction, Public Library Association (PLA), Libraries Ready to Code, Association of Rural and Small Libraries (ARSL), practicing librarians and library workers, Mississippi Public Broadcasting (MPB).
- Met throughout the pandemic to iteratively develop this family outreach model for libraries.
- Ideal for all libraries that serve families with young children.





https://mass.pbslearningmedia.org/resource/waisl24-prek-overview/for-librarians-what-is-work-it-out-your-library/

PRELIMINARY EVIDENCE OF IMPACT

- Caregivers' ratings of their child's use of CT skills and mindsets while solving a problem increased significantly.
- The majority of caregivers demonstrated an increased understanding of CT as being related to problem solving.
- Two-thirds of caregivers were able to provide a CT-related example when asked how their child used what they learned from Wombats! in everyday life.

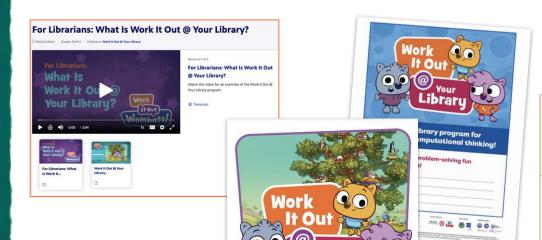
WORK IT OUT @ YOUR LIBRARY

- Free collection of resources available on PBS LearningMedia
- Includes library facilitator guides, presentation decks, student handouts, take-home family guides, tons of videos, and more!

pbslearningmedia.org/collection/work-it-out-your-library/



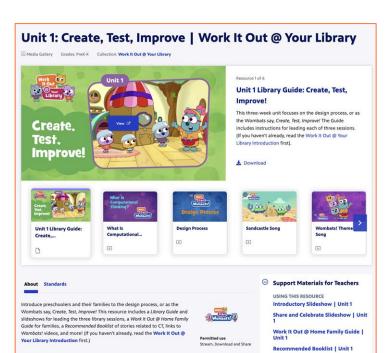
PROGRAM OVERVIEW



Introduction

	Work It Out @ Your Library	Work It Out @ Home
Week 1	Introductory Session (1 hour) Families learn about the Wombats' series and characters, get acquainted with CT, and practice using the Work It Out Mombats' Family App, which contains animated stories and songs, honds-on activities, and an interactive music video feature.	More Activities! (1+ hours) Equipped with the Work It Out Wombots! Family App and the Work It Out, 60 Home Family Guide, families watch Wombots! stories and songs and do more activities at home. They mark the activities they did on the Wombots! Activity Tracker.
Week 2	Story Time Session (30-45 min.) Families listen to two storybooks related to the CT skill they've been working on. They'll take a break between stories to dance with Wombats' puppets and for free play. They'll wist the CT Corner (which features Wombats' resources and take-home handouts) and check in with the librarian leading the program.	More Activities! (1+ hours) Families continue to watch Wombats! animated stories and songs and do more activities, preparing to share what they did at the final Share and Celebrate library session.
Week 3	Share and Celebrate Session (I hour) Families return to share what they did at home and talk about their CT experiences. Then they'll do another CT activity tagether, receive a certificate, and finish with a celebration!	

CREATE, TEST, IMPROVE!





STEP IT OUT!

Share and Celebrate Slideshow | Unit

Work It Out @ Home Family Guide |

Recommended Booklist | Unit 2



Permitted use

Stream, Download and Share

skill of sequencing, or as the Wombats say, Step It Out! This resource includes a

Library Guide and slideshows for leading the three library sessions, a Work It Out

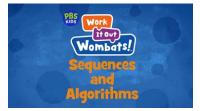
Home Family Guide for families, a Recommended Booklist of stories related to

CT, links to Wombats! videos, and more! (If you haven't already, read the Work

It Out @ Your Library Introduction first).









FIND WHAT MATTERS!



Accessibility



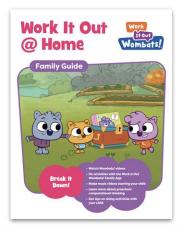




BREAK IT DOWN!









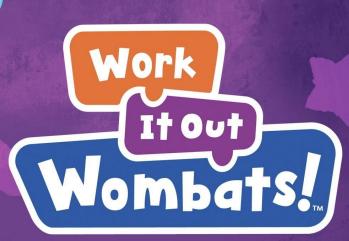
OVERVIEW FOR FAMILIES





For Families:

What Is Work It Out @ Your Library?



https://mass.pbslearningmedia.org/resource/waisl34-prek-families/for-families-what-is-work-it-out-your-library/

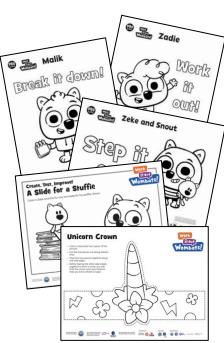
CT CORNER TOOLKIT



Treeborhood Standee



Tabletop Signs



Activity & Coloring Sheets

questions?

Feel free to email us with questions!

Mary Haggerty: mary_haggerty@wgbh.org

Nicki Sirianni: nicki_sirianni@wgbh.org



LINKS TO RESOURCES

- To access to the entire Work It Out @ Your Library collection,
 visit: http://pbslearningmedia.org/collection/work-it-out-your-library/
- To access the digital CT Corner Kit, visit: <u>bit.ly/CTCorner</u>
- To access digital games, videos, and activities for kids, visit:
 https://pbskids.org/wombats
- To access the Wombats podcast series, visit:
 https://pbskids.org/wombats/podcasts



WOMBATS TRIVIA!



(Answers)

- 1. What do you call a group of wombats? A wisdom of wombats.
- How fast can a wombat run? Wombats have been clocked at 40 km/h, but just for a 90 second period and only among males during mating season.
- Wombats are native to which country? Australia.
- 4. Wombat poop is a particular shape. What is that shape and what purpose does the shape serve? Wombat poop is cube shaped. Apparently, this stops the poop from rolling off their marked territory of rocks or trees.