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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
Libraries and Public Media: An Ideal Partnership
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 Wombats!
“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.
For Librarians:

What Is Work It Out @ Your Library?

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.
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**

**For Librarians: What Is Work It Out @ Your Library?**
Video link: [Work It Out @ Your Library](#)

Watch this video for an overview of the Work It Out @ Your Library program.

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**Work It Out @ Your Library**

**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 Wombats' Family App, which contains animated stories and songs, hands-on activities, and an interactive music video feature.

**Week 2: Story Time Session (30–45 min.)**
Families listen to two storybooks related to the CT they’ve been working on. They’ll take a break between stories to dance with Wombats’ puppets and play free play. They’ll visit the CT Corner (which features Wombats’ resources and take-home handouts) and check in with the librarian leading the program.

**Week 3: Share and Celebrate Session (1 hour)**
Families return to share what they did at home and talk about their CT experiences. Then they’ll do another CT activity together, receive a certificate, and finish with a celebration.

**More Activities!**
Equipped with the Work It Out Wombats’ Family App and the Work It Out @ Home Family Guide, families watch Wombats’ stories and songs and do more activities at home. They track the activities they did on the Wombats’ Activity Tracker.
Create, Test, Improve!
STEP IT OUT!
Find WHAT MATTERS!
Break it Down!

Unit 4: Break it Down! | Work It Out @ Your Library

Resource #4 of 7

Unit 4 Library Guide: Break it Down!

This three-week unit focuses on problem decomposition, or as the Wombats say, Break it Down! The Guide includes instructions for each of these sessions. (If you haven't already, read the Work It Out @ Your Library Introduction first.)

Download

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Break it Down!

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Stick Puppets

Dance with Mattie, Zadie, Zoke, and friends!

- Fast-paced, anti-violence song
- Learn about decomposition
- Become a stick puppet or a member of the stick puppet puppets

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Support Materials for Teachers

Using this resource:

- Introductory Slideshow | Unit 4
- Share and Celebrate Slide | Unit 4
- Work It Out @ Home Family Guide | Unit 4
- Recommended Booklist | Unit 4

About

Introduce preschoolers and their families to the computational thinking (CT) skill of problem decomposition, or as the Wombats say, Break it Down! This resource includes a Library Guide and slideshows for each of three library sessions, a Work It Out @ Home Family Guide for families, a recommended booklist of stories related to CT, links to Wombati videos, and more. (If you haven't already, read the Work It Out @ Your Library Introduction first.)

Accessibility

Creative Commons

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Certificate of Achievement

Congratulations to

You worked it out, just like the Wombats! You broke it down!
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/
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/](http://pbslearningmedia.org/collection/work-it-out-your-library/)

- To access the digital CT Corner Kit, visit: [bit.ly/CTCorner](http://bit.ly/CTCorner)

- To access digital games, videos, and activities for kids, visit: [https://pbskids.org/wombats](https://pbskids.org/wombats)

- To access the Wombats podcast series, visit: [https://pbskids.org/wombats/podcasts](https://pbskids.org/wombats/podcasts)
1. What do you call a group of wombats? **A wisdom of wombats.**

2. 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.**

3. 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.**