


## BUNDLE MENU OPTIONS

**Overview:** The aim of the “Patterns” bundle menu is to promote intergenerational learning moments around finding and making patterns. Resources in this bundle menu focus on patterns with simple, repeating units. The resource selection process was guided by the *Wombats! CT Learning Goals and Mindsets* document and the following PBS KIDS Computational Thinking Framework skills:

- A** Understand that a situation that people want to change or create can be approached as a problem to be solved through computational thinking and that such problems may have many acceptable solutions
- B** Predict what comes next in a pattern
- C** Fills in missing elements of simple patterns
- D** Identify, create, and extend simple growing and decreasing patterns

\*Note: The color-coded letters above are used in the menu to indicate resource-specific skill alignment.

<b>ANCHOR CONTENT FOR KIDS</b> 			
<ul style="list-style-type: none"> <li>Child-facing content that models ways to Identify, create, copy, fix, and extend a variety of pattern types in their day-to-day lives.</li> </ul>			
SKILL	CONTENT TYPE	INGREDIENTS * Also available in Spanish	DISTRIBUTION
<b>D</b>  <b>D</b>	Episode(s)	Work It Out Wombats!: <ul style="list-style-type: none"> <li>Zadie Shell Shuffle (103B)</li> <li>Patternpalooza (132A)</li> </ul>	PBS KIDS Video App
<b>D</b>  <b>B</b>  <b>D</b>	Clips	Work It Out Wombats!: <ul style="list-style-type: none"> <li>Pattern Song (108i)</li> <li>What’s the Weather (115i)</li> <li>Pancake Time (120i)</li> </ul>	PBS KIDS Video App
<b>B</b>	Game	<a href="#">Chicken Dance</a> (Peg + Cat)	PBS KIDS Game App









<b>ANCHOR CONTENT FOR GROWN-UPS</b> <ul style="list-style-type: none"> <li>Grown-ups-facing content that explores how to support their child to identify, create, copy, fix, and extend a variety of pattern types in their day-to-day lives.</li> </ul>				
<b>SKILL</b>	<b>CONTENT TYPE</b>	<b>INGREDIENTS</b> * Also available in Spanish	<b>AUDIENCE</b> (Child, Caregiver, Station/Community Facilitator, Educator)	<b>DISTRIBUTION</b>
<b>D</b>	<b>Article</b>	<a href="#">“Break It Down” and Other Ways Preschoolers Can Practice Computational Thinking</a> (Work It Out Wombats!)	Caregiver	PBS KIDS for Parents website
<b>D</b>		<a href="#">Making Comparisons and Noticing Patterns</a>		Parents as Teachers
<b>A B C D</b>		<b>NEW</b> <a href="#">8 Fun Ways to Help Kids Learn Patterns</a>		PBS KIDS for Parents website
<b>A B C D</b>	<b>Educator Resources</b>	Work it Out Wombats!: <a href="#">About Computational Thinking in Preschool and Kindergarten Background Reading</a>	Educator	PBS LearningMedia website
<b>B D</b>	<b>Educator Professional Learning</b>	<a href="#">Patterns and Relationships: Here, There and Everywhere</a>	Station/Community Facilitator, Educator	PBS LearningMedia website
<b>A</b>	<b>Teachers Lounge Blog</b>	<a href="#">Five Steps for Integrating Computer Science in the Classroom</a>	Educator	PBS LearningMedia website



<b>APPLYING THE LEARNING</b> <ul style="list-style-type: none"> <li>Child- and grown-ups-facing content that introduces ways to identify, create, copy, fix, and extend a variety of pattern types in their day-to-day lives.</li> </ul>				
<b>SKILL</b>	<b>CONTENT TYPE</b>	<b>BUNDLE INGREDIENTS</b> * Also available in Spanish	<b>AUDIENCE</b> (Family, Caregiver, Station/Community Facilitator, Educator)	<b>DISTRIBUTION</b>
<b>D</b>	<b>Activity</b>	<a href="#">Make a Paper Flower Garden</a> (Work It Out Wombats!)	All	PBS KIDS for Parents website
<b>D</b>		<a href="#">Practice Patterns with Blocks</a> (Peg + Cat) (update to emphasize a child anticipating what comes next and what to do if a pattern is out of order)		PBS KIDS for Parents website
<b>B D</b>		<a href="#">Pattern Bracelets: Stringing and Making Patterns</a>		Parents as Teachers
<b>D</b>		<b>NEW</b> <a href="#">Make Patterned Pancake Stacks</a>		PBS KIDS for Parents website
<b>D</b>	<b>Game</b>	<a href="#">That's a Pattern!   Everyday Learning*</a>	All	PBS LearningMedia Website
<b>D</b>	<b>Conversation Starters</b>	<b>NEW</b> <a href="#">Play With Patterns Anywhere</a>	All	PBS KIDS for Parents website
<b>D</b>	<b>Educator Resources</b>	<a href="#">Zadie's Shell Shuffle Lesson Plan   WORK IT OUT WOMBATS!</a>	Educator	PBS LearningMedia Website
<b>D</b>		<a href="#">Zadie's Shell Shuffle   Watch with a Purpose</a> - home-school connection		

**Sample Menu:** Work It Out Wombats!  
**Learning Goal:** Computational Thinking

**Topic:** Patterns  
**Target Age:** 3-6/Grade PreK-K

		<a href="#">Peg's Pattern Party   Peg + Cat</a> *		
	<b>Printables or Printable Packets</b>	<a href="#">Create Patterns: Zadie's Flower Garden and Mr. E's Shell Garden Activity Page</a> (also on <a href="#">LearningMedia</a> ) (Work It Out Wombats!)  <a href="#">Dino-mite Patterns Home Activity   Dinosaur Train</a> *	All	PBS KIDS for Parents and PBS LearningMedia Website  PBS LearningMedia Website
	<b>Social Media</b>	<a href="#">Make a Paper Flower Garden social media video</a> (Work It Out Wombats!)	All	PBS KIDS Social
	<b>Book Lists</b>	 <a href="#">7 Picture Books About Patterns</a>	All	PBS KIDS for Parents Website
	<b>Workshop/ FCL</b>	<a href="#">Peg + Cat Camp Day 5</a> <a href="#">Peg + Cat FCL Session 2</a> (produced by PBS SoCal/Family Math)	Station/ Community Facilitator, Educator	PBS LearningMedia Website

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## **BUNDLE MENU FOR COMPUTATIONAL THINKING: STEP IT OUT**


**Overview:** The aim of the “Step It Out” bundle menu is to promote intergenerational learning moments around sequencing or following and creating different sets of step-by-step instructions where the order of the steps impacts the outcome. Resources in this bundle menu explore how step-by-step instructions can be used to solve problems, accomplish tasks, and build new creations. The resource selection process was guided by the *Wombats! CT Learning Goals and Mindsets* document and the following PBS KIDS Computational Thinking Framework skills:


- A** Begin to identify algorithms (sequences of events, patterns, or actions) in programs or unplugged activities (e.g., a child can describe the sequence of steps to brush their teeth)
- B** Use temporal vocabulary and ordinal numbers to order events (happens first, second... last, before, after, between; 1st, 2nd, 3rd)
- C** Follow a set of multi-step directions
- D** Identify daily activities that are completed using a sequence of steps (e.g., brushing your teeth, putting on a shirt, making a sandwich, etc.)
- E** With others, construct a sequence of steps to accomplish an activity
- F** Construct a sequence of steps (algorithm) to accomplish an unplugged activity (e.g., steps to fold a paper airplane, steps to perform a dance move, steps to get from your house to the mailbox using a grid and arrows, etc.)
- G** Design a sequence using a visual tool such as a story map, storyboard, and sequential graphic organizer
- H** Begin to notice where errors exist in algorithms (sequences) and attempt to fix them (Debugging) (e.g., a child recognizes that they need to put larger blocks at the bottom of a block tower to keep it from falling)

\*Note: The color-coded letters above are used in the menu to indicate resource-specific skill alignment.

**Sample Menu:** Work It Out Wombats!  
**Learning Goal:** Computational Thinking

**Topic:** Step It Out  
**Target Age:** 3-6/Grade PreK-K


<b>ANCHOR CONTENT FOR KIDS</b> 			
<ul style="list-style-type: none"> <li>Child-facing content that models ways to recognize sequencing and use sequencing in their day-to-day lives.</li> </ul>			
SKILL	CONTENT TYPE	INGREDIENTS * Also available in Spanish	DISTRIBUTION
<div>A C</div> <div>H</div> <div>A E</div> <div>F</div>	Episode(s)	<b>NEW</b> Work It Out Wombats!: <ul style="list-style-type: none"> <li><a href="#">Snout Wash Day</a> *</li> <li><a href="#">Snout and About</a> *</li> </ul>	PBS KIDS Video App
F	Clips	<b>NEW</b> Work It Out Wombats!: <ul style="list-style-type: none"> <li><a href="#">Clean Up Song</a> *</li> </ul>	PBS KIDS Video App
<div>A D</div> <div>F</div>	Game	<a href="#">Step It Out!</a>	PBS KIDS Game App

<b>ANCHOR CONTENT FOR GROWN-UPS</b> 				
<ul style="list-style-type: none"> <li>Grown-ups-facing content that explores how to support their child to recognize sequencing and use sequencing in their day-to-day lives.</li> </ul>				
SKILL	CONTENT TYPE	INGREDIENTS * Also available in Spanish	AUDIENCE (Child, Caregiver, Station/Community Facilitator, Educator)	DISTRIBUTION
<div>C</div> <div>A D</div> <div>F</div>	Article	<a href="#">Taste Our Favorite Kid-Friendly Recipes from PBS KIDS</a>  <b>COMING SOON</b> Sequencing Article Related to the Step It Out Game (Work It Out Wombats!)	Caregiver	PBS KIDS for Parents website
C	Educator Resources	<a href="#">Coding without the Computer I Let's Learn</a>	Educator	PBS LearningMedia website

**Sample Menu:** Work It Out Wombats!  
**Learning Goal:** Computational Thinking






















**Topic:** Step It Out  
**Target Age:** 3-6/Grade PreK-K

<b>D</b>		<a href="#">Educator Workshop   PBS KIDS ScratchJr</a>		
<b>C G</b> <b>H</b>	<b>Educator Professional Learning</b>	<a href="#">Why Teach Coding to Young Students?   PBS KIDS ScratchJr</a>	Station/Community Facilitator, Educator	PBS LearningMedia website
<b>A D</b> <b>E F</b> <b>G H</b>	<b>Teachers Lounge Blog</b>	<a href="#">5 Reasons to Get Coding</a>	Educator	PBS LearningMedia website

<b>APPLYING THE LEARNING</b> 				
<ul style="list-style-type: none"> <li>Child- and grown-ups-facing content that introduces ways to identify, create, copy, fix, and extend a variety of pattern types in their day-to-day lives.</li> </ul>				
<b>SKILL</b>	<b>CONTENT TYPE</b>	<b>BUNDLE INGREDIENTS</b> * Also available in Spanish	<b>AUDIENCE</b> (Family, Caregiver, Station/Community Facilitator, Educator)	<b>DISTRIBUTION</b>
<b>D E</b>  <b>E</b>  <b>F</b>	<b>Activity</b>	<a href="#">Learning Memorization Through Dance</a> (Sesame Street)  <a href="#">Create a Family Handshake</a> (Arthur)  <a href="#">Be Sound Detectives!</a> (Work It Out Wombats!)	All	PBS KIDS for Parents website
<b>A C</b>	<b>Game</b>	<a href="#">Paint-a-long Digital Game   Peg + Cat</a>	All	PBS LearningMedia Website
<b>E</b>	<b>Conversation Starters</b>	<b>COMING SOON</b> <a href="#">Play Pretend: Encouraging Your Little Chef</a> (Arthur) (Will be adapted to	All	PBS KIDS for Parents website

**Sample Menu:** Work It Out Wombats!  
**Learning Goal:** Computational Thinking

**Topic:** Step It Out  
**Target Age:** 3-6/Grade PreK-K

		become a conversation starter)		
     	<b>Educator Resources</b>	<a href="#">Cafe Chaos   Work It Out Wombats!™</a>  <a href="#">Cafe Chaos Lesson Plan   Work It Out Wombats!™</a>	Educator	PBS LearningMedia Website
     	<b>Printables or Printable Packets</b>	<a href="#">Secret Sequence Scrambler*</a> (Odd Squad)  <a href="#">Robot Coder Activity</a> (Odd Squad)  <a href="#">It's Time for School</a> (Daniel Tiger's Neighborhood)  <a href="#">Break It Down: Making Sandwiches</a> (Work It Out Wombats!)  <a href="#">Dance Party</a> (Work It Out Wombats!)	All	PBS KIDS for Parents Website
 	<b>Social Media</b>	<a href="#">Be Sound Detectives!</a> (Work It Out Wombats!)  <a href="#">Secret Handshake Video</a>	All	PBS KIDS Social
      	<b>Workshop/ FCL</b>	<a href="#">Family &amp; Community Learning with ScratchJr   RTL 2015-2020</a>	Station/ Community Facilitator, Educator	PBS LearningMedia Website

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