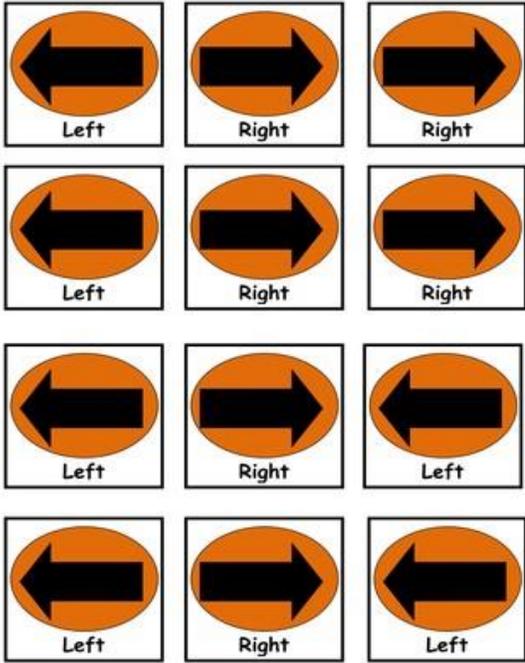


Goldilocks, The Three Bears & Bee Bot: Activity Card Overview - Teachers

Activity Card Overview - Teachers	
Pre-preparation	<p>Pre-print:</p> <ul style="list-style-type: none">• Goldilocks story event cards (2X - one for the whiteboard and one for the grid)• Bee-Bot sequence cards (for each student team)<ul style="list-style-type: none">• Map of the Bee-Bot map on grid paper for students to also look at and use for planning. <p>Prepare either a plastic mat with a grid for the Bee-Bot to move around and Goldilocks story cards to stick to places on the grid.</p>
Whole Class	<p>Place Goldilocks (or other story event) cards randomly on the whiteboard.</p> <p>Students recall the story and work with the teacher to put the events into the correct sequence.</p> <p>The teacher reveals the mat with Goldilocks story cards.</p> <p>The teacher introduces the Bee-Bot as helping us to retell the events in the story in the correct order.</p> <p>The teacher works with the students to identify the functions on the Bee-Bot (arrows, pause, go). The teacher demonstrates how to create a simple algorithm and reset.</p> <p>The teacher introduces the Bee-Bot arrow cards as helping to create instructions for the Bee-Bot (so we don't forget!).</p> <div style="text-align: center;"></div>



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	<p>The teacher works with the students to model how to design an algorithm with the cards that will provide instructions for the Bee-Bot to get to the first story location card on the mat. Model debugging, as it arises!</p>
Teamwork	<p>Students work in teams of 3-4 to design an algorithm for the robot to move to the next sequence.</p> <p>Students test their algorithms on the class mat and debug, as necessary.</p> <p>They continue to move through as many story events as they can.</p>
Demonstration	<p>Students demonstrate their algorithms to the whole class, or another critical friend team.</p>
Reflection	<p>They discuss what happened in their algorithm and what they would do differently next time.</p> <p>The teacher brings the class back together and they talk about their experiences using the Bee-Bots.</p>
Extension	<p>The mat can become more complex (including places that the robot has to navigate around).</p> <p>Students can work in smaller teams or individually.</p> <p>Students could create their own story sequence cards and instructions for another team to follow.</p>



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