

<p><b>Teacher:</b> Maddie Mueller  <b>Grade:</b> Kindergarten  <b>School:</b> Wenonah Elementary School</p>	<p><b>Essential Learning Target(s):</b></p> <p><b>Students will help Santa reach the tree using coding arrows on Seesaw.</b></p>
<p><b>Date:</b> 12/13/21</p>	
<p><b>Subject:</b> Technology/Computer Science  <b>Topic:</b> Coding with Santa</p>	<p><b>Objectives:</b></p> <p>1. The student will demonstrate an understanding of using coding arrows to complete a maze by using left, right, up, and down arrows.</p> <p>2. The student will demonstrate an understanding of programming by using step by step instructions to help Santa reach his tree.</p>
<p><b>Standard(s):</b></p> <p><b>Algorithms and Programming</b></p> <p>K.1 The student will construct sets of step-by-step instructions (algorithms) either independently or collaboratively including sequencing</p> <p>K.2 The student will construct programs to accomplish tasks as a means of creative expression using a block-based programming language or unplugged activities, either independently or collaboratively, including sequencing, emphasizing the beginning, middle, and end.</p>	

K.3	The student will create a design document to illustrate thoughts, ideas, and stories in a sequential (step-by-step) manner (e.g., story map, storyboard, and sequential graphic organizer).	
<p><b>Lesson Procedures:</b></p> <p>Hook: Tell the students the Mrs. Mueller wants to get to her desk but I need their help to get there because I do not know which way to go. Have students use their pointer finger to point me in the direction of where I am going. Explain to students that they just used high thinking skills to help me get to where I wanted to go. (5 minutes)</p> <ol style="list-style-type: none"> <li>1. Explain to students that they will be guiding Santa to a tree just like they guided me to my desk. (2 minutes)</li> <li>2. Pass out the Ipads to students and have them go on the SeeSaw app. (5 minutes)</li> <li>3. Tell students that they will be using the coding arrows to get Santa in the direction that he needs to go. Tell students that it is like a maze. (2 minutes)</li> <li>4. Tell students that there are some guidelines that they must follow. They need to make sure that Santa gets two cookies and a glass of milk on his way to the tree. Have students begin guiding Santa. (15 minutes)</li> <li>5. Tell the students that when they are done, they will press the green check to turn it in to the teacher. (2 minutes)</li> <li>6. Allow students to share their work with a partner. (5 minutes)</li> </ol>		
<p><b>Materials:</b></p> <p>iPads/Chromebooks, Seesaw</p>	<p><b>Assessments:</b></p> <p>Sharing/observation</p>	<p><b>Closing:</b></p> <p>The students will share their creations with a partner.</p>