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**Name:**

**Date:**

**Teacher name:**

## 21. Computational Thinking **QUEST Gold Sphero**

**As you go through the Quest, check off each step as you complete it.**

Check off	Description
	Watched the introductory video
	Read the Introduction, Key Vocabulary and I Can Statement
	Took the <a href="#">Vocabulary Quizlet</a>
	Created a login at Sphero.com
	Downloaded the appropriate app for the Sphero
	Located and selected the Sphero Blocks: Intro & Loops and Choose Continue Activity or Start. This is step 1.
	Watched the app overview video in step 2 as a team for important terms and to become familiar with the app. Discussed and carried out the directions, taking notes of my steps.
	Printed out or received a copy of the <a href="#">vocabulary terms</a> from my teacher to refer to as I watch the video tutorials.
	Signed into Sphero <ul style="list-style-type: none"> <li>• Clicked on Activities at the bottom</li> <li>• Chose Blocks 1: Intro and Loops</li> <li>• Chose Continue Activity</li> </ul>

	Watched step two as a team for important terms and to become familiar with the app.
	Opened the <a href="#">Sphero team planning document</a> , assigned roles, and took notes on the planning document for tutorial three-five.
	Watched each tutorial and completed the steps as a group. Recorded each team member's role, completed the results section, and marked complete.
	Moved to the next tutorial. Assigned new roles, watched together, and recorded notes on the <a href="#">Sphero team planning document</a> .
	Repeated this process for each tutorial.
	For tutorials three, four, and five took screenshots of the program as well as the sensor data and JavaScript. When refinements were needed, noted those under refinement in the chart and pasted screenshots of my refinements.
	Recorded the Sphero using the camera feature as a last step in tutorial 5 and shared the recording with my teacher.
	In the Sphero app went to <b>Activities</b>
	Clicked on <b>All Activities</b>
	Scrolled down until I found the activity <b>Dance Party</b>
	Chose a song and got approval to use the song from my teacher.
	When I had approval to use the song and something to play the song on, I clicked start at the top of the <b>Dance Party Activity</b> .
	Watched tutorial one as a team. Mark completed when finished.
	Accessed the <a href="#">Activity Three Dance Party Team Planning Document</a> and completed steps one and two.
	As a final step, I asked my teacher if he/she wanted me to complete step five of Dance Party and upload my video.
	Viewed instructions on how to create a maze in PowerPoint
	Once I have created a maze, I copied the maze onto my <a href="#">Activity 4 Team Planning Document</a> and made a successful path with a highlighter from start to finish.



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	When I was ready to replicate the maze, I let my teacher know and he/she gave me the materials to re-create my maze in an open space.
	I programmed Sphero to successfully complete the maze!
	I made a video and shared it with my teacher
	I saved all my notes and videos to my File Space
	Checked this Quest off on my 21t4s roadmap



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