Key Concepts

- That games and apps involve coding

- That algorithms are a set of instructions

- Decomposition breaks a problem into smaller parts

- Instructions need to be in the correct sequence (order)

- Debugging is fixing incorrect instructions

- Visual coding is blocks of code used to create programs

- A sprite can dance if given the correct instructions

Dancing Robot

Skills

- I can troubleshoot when something doesn't appear to be working with my device.

- I can plan, create and debug programs

- I can use decomposition to help me solve computing problems.

- I can work with various forms of input and output.

- I can use logical reasoning to predict and correct errors in algorithms and programs.

Curriculum Links

English—Speaking, Listening, Creating an E book.

PE—Creating robot dances by following instructions

Key Vocabulary

Code / Coding	Sequencing	Screenshot
Flow Diagram	program	Algorithm
Sprite	Visual coding	Background
Repeat	Debugging	Conditional
App	Broadcast	Command
Tablet	Bugs	Decomposition