Code a Dance

Materials: paper and pencil

Background Information: Coding is a set of instructions written by a programmer, that the computer carries out. Sequential activities help children learn different aspects of computer coding.

STEM Career Connection: A computer programmer, or a coder, is a scientist who creates computer software.

Literature Connections: Hello Ruby: Adventures in Coding, by Linda Liukas, Coding for Kids: Scratch: Learn Coding Skills, Create 10 Fun Games, and Master Scratch, by Matthew Highland

Challenge:
1. Create a dance routine.
2. Choose the dance steps and put them in the order you choose.
3. Make the dance routine short.
4. Write or draw the steps of the dance so you remember the sequence.
5. Teach the routine to a friend.
6. Create rules to start and stop the team.
7. Practice the dance routine until there are no errors, or bugs, in the routine/sequence.

Source of the Activity: Hello Ruby Adventures in Coding book by Linda Liukas