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| Unit 3 Week 1 | Story Sequence: Small Groups Higher Level Technology Supplement | ISTE-S 3, 4, 5 | Standard: ELA.SL.CC.PS.1 - 3 ELA.SL.PKI.PS.1, 3 ELA.RL.KID.PS.1 - 3 ELA.RL.IKI.PS.1-2 ELA.RL.LTC.PS.1 |
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[book covers that represents the book(s) the lesson touches upon]

Technology Concepts

- Children are moving towards developing ideas and theories about how to complete a challenge and then pursuing answers and solutions by trying various programming strategies
- Children exhibit perseverance as they work to complete each challenge
- Process of identifying sequence of steps that will complete a challenge

Materials:

- Tablet/smart phone
- Sphero Mini edu app loaded onto digital device
- Sphero Mini synched to digital device

Vocabulary:

- Use vocabulary from original lesson
- Pathway
- Coding
- Direction (up, down, left, right)

Preparation:

[Sphero Mini](#)

This video explains setting up the Sphero Mini and provides a quick tutorial on how to use the Sphero Mini

Any Sphero can be used in the activities. The Sphero Mini was selected for the technology lessons based on affordability.

Procedure:

Sphero moves back, forward, right, left and rotates 360 degrees. Paper squares with direction arrows can be used to visually assist children in determining Sphero path. With teacher help, children will program Sphero to navigate the path constructed based on the story sequence.