



Sight Word Hunt

In this activity, students will direct Sphero to a sight word that is called out. Using the Activity Kit materials, students can create an obstacle course to add to the excitement of this activity! They will need to navigate to the sight word, say the word, and use the word in a sentence. This can be adjusted for each grade level and can be expanded on by having students write the words, write a story with the words, etc.

Materials

- Sphero Mini Robot
- Activity Kit bowling pins, rails, connectors, arches, etc.
- Device to control Sphero Mini (iPad, cellphone, etc.)
- Sphero Play or Sphero Edu App
- Internet access
- Paper or digital space to record sight words

Student Objectives

- Students will be able to identify and read grade-level sight words
- Students will be able to use sight words in conversations with peers
- Students will be able to write grade-level sight words
- Students will collaborate with peers to move Sphero through a maze
- Students will learn programming skills to drive their Sphero Mini robots

Teacher Technology Skills Needed

- Understanding of the Sphero Mini
- Understanding of Sphero Play/Sphero Edu App
- Understanding of how to push out content digitally to students
- Skills for driving and controlling the Sphero Mini

Standards

NGSS Standards:

- 1RF2: Demonstrate understanding of spoken words, syllables, and sounds (phonemes).
- 1RF3: Know and apply phonics and word analysis skills in decoding words.
- 1SL1: Participate in collaborative conversations with diverse peers and adults (e.g., in small and large groups and during play).
- 1L4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases, choosing flexibly from an array of strategies.



Procedure

1. Start the lesson by reviewing grade-level sight words. This can be done with a weekly vocabulary list, grade-level sight word list, or a created list of words.
2. Once students have participated in a word review, they will be ready to take on the challenge of driving Sphero through a maze. Students will set up their maze using rails, connectors, arches, pins, cones, etc. This is an opportunity for students to get creative with their Activity Kit!
3. Once the maze has been assembled, you will have two choices:
 - a. The first choice is for you as the teacher to place sight words at different checkpoints on the maze.
 - b. The second option is to have students place the sight words on the maze for one another.
4. The sight words can be written on index cards, Post-its, or even a digital platform if available.
5. Next, students will use the Sphero Mini to move through the maze. This will be done by using the Sphero Play App on Tilt or Drive mode. The Sphero Edu App could also be used to add code to move the Sphero.
6. Students will then pause at the "checkpoints" and work on their sight words. Each checkpoint can have students perform the following tasks:
 - Say the word
 - Use the word in a sentence
 - Write the word
 - Write a story using the wordEach checkpoint can have students do all these tasks or they can perform 1 or 2 of these tasks.
7. This can continue until checkpoints have been reached. Discussion can continue for each sight word.
8. This lesson will conclude by having a review of the sight words that were found throughout the activity as well as key concepts and findings while using the Sphero Mini robot.

Extension Activity

- Task students with the challenge of developing additional sight words throughout the maze. This can be typed out, handwritten, or verbally shared.
- Challenge students by having them create additional twists and turns to their maze for the Sphero Mini. Once it is created, students can re-program or drive their Sphero Mini through the maze with the extra challenges.