

# Training to Use ECESC Technology Kits

## Sphero balls and Ollies

Play is a powerful teacher! The ECESC has Technology Kits available for loan to member



schools. The kits contain 15 Sphero balls, 15 Ollies, and other technology components suitable for the K-12 classroom setting. By infusing technology with robotics, “toys” and other devices can teach and inspire tomorrow’s inventors and innovators.



Creatively designed lessons incorporating Spheros and Ollies can develop many of the attributes we want for our learners. Students will be designing and creating code to direct the Spheros and Ollies while connecting, communicating, collaborating, problem solving, testing, failing, and iterating – all key characteristics of 21st century learners. With the app-controlled robotic Ollies, children can build their own courses and jumps and test the laws of physics at the same time.

In an educational environment, subject matter such as sight words, colors, vocabulary words, and math facts can be placed on the floor. Then teachers can give students definitions, words, or numbers and students use a device to roll the robots to the specific word or number. This is a fun, simple way to review material.

**Date:** Thursday, February 7, 2019 **Deadline:** January 31, 2019

**Times:** 8:30 a.m. Registration 9:00 a.m. – 3:00 p.m. Workshop Hours

**Site:** East Central ESC, Connersville

**Cost:** \$70/ECESC member for the training (Includes lunch and materials)  
No cost to member districts to borrow the kit

**Audience:** K-12 educators from member districts

**Presenter:** Andrew Wallace

Andy Wallace is the Technology Specialist with the Indiana Migrant Education Program (IMEP). He has assisted in integrating a 1:1 iPad initiative with all the migrant students who travel to the state of Indiana. He has helped to lead the writing and implementation of a technology-based summer school curriculum for the IMEP and has helped to lead distance learning opportunities for these students when they return to their home states of Texas and Florida. Prior to working for the Migrant Ed Program, he spent 12 years in the classroom working primarily with 6th grade students in Science and Social Studies. He believes strongly in the power of play and its role in learning. Andy is a Level 2 Certified Google Educator and is in the process of becoming a Certified Trainer of Google for Education.



Andy will share lots of lesson ideas so that teachers of all grade levels will know how to utilize the Sphero balls and Ollies to help their students gain knowledge in specific content areas.

**NOTE:** Teachers who want to borrow the technology kits need to register for this workshop. They may request preferred dates at the close of the training day.

Class size is limited! Please register early to guarantee a seat. To register [click here](#).

(6 PGPs are available for this session.) Contact Mary Barbour with questions [mbarbour@ecesc.k12.in.us](mailto:mbarbour@ecesc.k12.in.us)

**Weather related information will be available on Indianapolis Channel 8 and Cincinnati Channel 5.**