

Sample Teacher Grant Application

Project Title: STEM/ Robotic Fun

Project Category: Social Skills; Communication; Fine Motor Skills; Technology

Amount Requested: \$517

Description of Material: 12; ROBOTIS PLAY 600 PETs Kit by ROBOTIS INC ; Motorized, reconfigurable robot toy with a PET theme!; Build up to 7 different figures using our FREE ROBOTIS R+ Design App, a 3D Interactive assembly App available on iOS, Android & PC.; Includes 1 controller (CM-20) with two-way output; Includes simple assembly instruction manual

Description Intent: To collaborate with their general education peers in the building these robots and overall STEM learning exercises. Through the use of these kits, my students will be working on the following goals: language, fine motor skills, engineering, as well as develop their problem-solving and collaboration skills to a greater extent than traditional methods because they will be building fun toys while interacting. Students who learn social skills through play based learning report that they find it more engaging than traditional instructional techniques and research supports this as much more effective.

Objective Measure: Classroom; Resource Room; SLP; OT

Objective: Last year I received a grant from my district for some building blocks to use in the class to help inspire my students to write. After observing my students work with these traditional building blocks to inspire them to write, my eyes opened as to how creative they can be. I am excited to give them even more opportunities and collaborative experiences they can share with their general education peers. After seeing these Robotics at a STEM conference, I realized this would be a perfect creative tool. Each student can be paired with a general education peer. They would be developing fine motor, language, collaboration, problem solving and engineering skills all in one project that could be repeated many times. Each kit contains instructions for 7 creatures. However, they students are not limited to the directions. These lessons can be spring boards to writing assignments and growth mindset lessons as well. I cant wait to start this new mainstreaming project with your help!

Reach Count: 12