



Boys and Girls Club of Collier County



Site: Boys and Girls Club of Collier County Dates: 8/21 – 8/31 Driving Question: How can I provide and plan relief to my community before and during a disaster?		Description of PBL or Activity: The focus of the fall semester curriculum will be to provide Support the school day: Elementary school students will explore project-based learning through the use of research and STEM activities throughout the program year. Students will design and create models of environment settings and demonstrate several natural disasters and observe how they affect the model design. Environmental Extreme disasters will provide opportunities for children to conceptualize and internalize science and engineering concepts. All STEM activities will support Florida common core standards and facilitate collaboration among members. An informal setting allows more freedom for subject and grade level integration. Peer mentoring will be available among grade levels . The final project will allow members to collect donations for the local American Red Cross to provide comfort kits for disaster victims who have to evacuate their area and need hygiene items while they are at a temporary shelter.	
Florida Standards: MAFS/ LAFS/ SS/ SC	Week (s) 8/21- 23/17 LAFS.K.L.3.6 LAFS.1.L.3.6 LAFS.2.L.3.6 LAFS.4.L.3.6 LAFS.5.L.3.6	Week (s) 8/28 – 9-1 /17 LAFS.K.RL.1.1 LAFS.1.RL.1.1 LAFS.2.RL.1.1 LAFS.3.RL.1.1 SC.K.N.1.1 SC.1.N.1.1 SC.2.N.1.1 SC.3.N.1.1 SC.4.N.1.1 SC.5.N.1.1	Assessment (s): 1 Follow the Money assessment which covers the subject areas of math, reading, writing, and science
Expected Duration of Project: Fall Semester: 8/21/ 2017 – 5/ 31/ 2018 Students Involved: 75 students (grades 1,2, 3, 4, 5) Staff Certified Teacher 1 Assistant	The introductory week, youth were debriefed to explain the overall goal of the program and expectations that they would need to follow in the duration of the fall program. Members were Introduced and began reading the book I Survived the Sinking of the Titanic- by: Lauren Tarshish. Members played a team building game to aide each other in getting from one end of the room to the other. Students began an overview of a reader’s theater script that follows the book I Survived the Sinking of The Titanic.	. The second week of programming was a continue of week 1. Members participated in a STEM challenge where they were given materials to save a gummy worm (Fred). The members were asked to collaborate and help their gummy worm who was left on top of a boat that had turned over (The boat was a clear cup). Using paperclips string members brainstormed for strategies to obtain the life preserver (gummy life saver) which was under Fred’s boat. Members also were challenged to create a model boat that could hold 100 paper clips without sinking.	
	Materials Book- I Survived the Sinking of theTitanic by: Lauren Tarshish Gummy worms, Gummy Lifesavers, paperclips, clear plastic cups , aluminum, straws, paper, glue.		