

GRANT EXAMPLES

Trebuchet Toss Math Lab - \$197.00

The "Trebuchet Toss" lessons explore how trebuchets were used during the Middle Ages to launch projectiles over or through castle walls. Students will work in teams of "engineers" to design and build their own trebuchets out from prepared kits. Students will be permitted to alter their trebuchets with everyday items to enhance its performance in the culminating activity. As part of the lab activity, students will test their trebuchets, evaluate their results, and present to the class.

Local Watershed Water Quality Study - \$109.00

Students will take part in a scenario in which they pretend to be interns at an environmental consulting firm and will analyze water samples to attempt to determine the type and cause of a polluted, locally collected water sample. As part of the activity, students will learn what a watershed is and study how water travels on and below the land surface. Grant money will be used to purchase a kit that provides testing materials.

Aquaponics in the Classroom - \$169.99

Two 4th grade teachers applied together for a grant to purchase an aquaponic garden conversion kit that transformed an ordinary 10-gallon tank into an aquaponic garden. Through this grant, students will be introduced to gardening and aquaponics. 4th grade students will explore a living ecosystem to grow, learn, and discover a variety of concepts in chemistry, biology, and ecology. Activities designed will provide students with a living model ecosystem that they can interact with as they watch the transformation of the energy in fish food into waste, plants, and ultimately herbs and other edible greens.

"Thirteen Colonies" Play Supplies, Costumes, and Materials - \$225.00

This grant will be used to purchase costumers, materials, and supplies for a 5th grade play about the thirteen colonies. Students will dress in timely costumes to perform for their families and the students in grades K through 5.

Middle Ages Interdisciplinary Pilot Program - \$250.00

The purpose of the grant is to launch an interdisciplinary pilot program on The Middle Ages. Students will learn about the Middle ages in a way that facilitates cross-curricular activities and includes special area teachers into the 6th the history of the Middle ages, food, customs and culture, science and medicine and what elements of Middle Age culture are present in our culture today. This unit will culminate in a Medieval Fair, which will involve middle school and high school students.

Life, Social, and Motor Skills - \$300.00

Special Education teachers will receive a grant to purchase materials to create "Theme Boxes" for preschool special needs students. These boxes will provide weekly and monthly lessons and might include items for play-based activities, like Community helpers, grocery store, post office, etc. Dramatic play will be enhanced and helps in enforcing life and social skills as well as motor skills.

Bristlebots and Solar-Powered Cars – \$250.00

Provided funds to purchase Bristlebots for students for use in the engineering aspect of STEAM learning. The Bristlebots will be re-used in the fifth grade classroom during their electricity unit. The solar powered cars will be used to understand the model of a circuit and ultimately design a solar-powered car.