

Programs Funded by GEF- A Representative Sample

GLOUCESTER HIGH SCHOOL

- Start-up support for Computer Science program
- Digital Cameras and iMac Photo Lab
- AP® Prep Summer Programs: English Composition, English Literature, Economics, Psychology, Statistics, Computer Science, Biology, American History, Chemistry
- ProJet 3-D Printer & SolidWorks® software
- Online texts & Vernier sensors for Chemistry
- Safety improvements for Cabinet Design and Innovation
- Stipends for After-School Advisors
- *Genome Gloucester* summer program
- Ceramics Equipment & supplies
- ShopBot® digital CNC router
- Equipment and curriculum for Physics of Robotics program
- CAD Software for Vocational Education
- Sound equipment for drama program
- Chemistry with iPads
- Teacher professional development in technology
- *Body Worlds®* Field Trip
- Learning Commons Creation Lab
- Dating Violence Prevention presentations
- SailBot® robotic sailing program
- Quadcopter robotic mini-helicopter
- GHS Greenhouse and Farm to Table program
- Solar/wind training unit for electrical technology program

O'MALEY INNOVATION MIDDLE SCHOOL

- Science, Technology & Engineering Center: Tech Specialist; Supplies & Materials; Repairs to Weather Station equipment; Curriculum unit development; Wind cars program; Wind turbine
- Residency in Paper origami program
- *Summer Engineering Adventure at MIT*
- "Slime Lab"— wet lab for life science
- Writing Curriculum Coordinator
- *Advanced Engineering* equipment/ supplies
- 60 iPads for Project-Based Learning
- Aquaponics program for study of life science
- O'Maley Theatre sound & lighting equipment

O'Maley, continued

- O'Maley Summer Science Grad Camp
- Science Through Gardening
- *Word Generation®* vocabulary-building program
- 3-D Printer program
- World language instruction
- After-school music instruction
- Musical instrument library

ELEMENTARY SCHOOLS

- District-wide Summer Literacy Program
- Grades K-2 Stone Soup Arts & Literacy
- Theater programs
- After school music program (stipends, transportation, sheet music and supplies)
- *Early Engineers (Grades K-2)*
- Grade K -2 STEM Curriculum Development and Professional Development
- Grade 5 Robotics Event
- Grade 5 West Parish Science Park
- Grade 5 Ballroom Dance Program and the Mad Hot Ball
- Soundfield® Systems (RED-CATs) - Kindergarten and Grades 1 and 2
- Schoolyard Gardens
- Visits to MIT to study motorized car building
- STEM Science Supplies & Equipment Repairs
- *Dance Through the Decades*
- SPED bikes
- *Art Explorations* textbooks and supplies
- *Literacy Through Theater*
- Heart Monitor Watches
- Jam Hub® silent music studio
- *Countdown to Kindergarten* orientation program
- Summer Literacy program for 30 students

DISTRICT-WIDE INITIATIVES

- Science, Technology & Engineering Coordinator/Curriculum writer
- Math Specialist
- City-wide Arts Festival
- Transportation for field trips
- *Artistic Bridges* visiting artist program
- Grant writing assistance