



Hughes Academy of Science and Technology

Our Magnet Night Open House is October 20, 2016 from 5:30 to 7:00.

This meeting is for all prospective families.

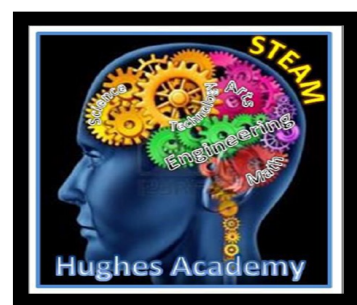
Come check us out!

General Electric

During Engineers Week, 8th Grade Hughes Academy students enrolled in Gateway to Technology courses collaborated with engineers at General Electric to invent, design, and improve a product that would make students' lives easier. The students created prototypes, used MakerBot MakerWare, and produced parts using a 3D printer.

Hughes Academy has fifteen 3D Printers for our students to use.

Linking Students' Science and Technology Skills with Local Companies



Hughes
Academy
122 DeOyley Ave.
Greenville, SC
29605

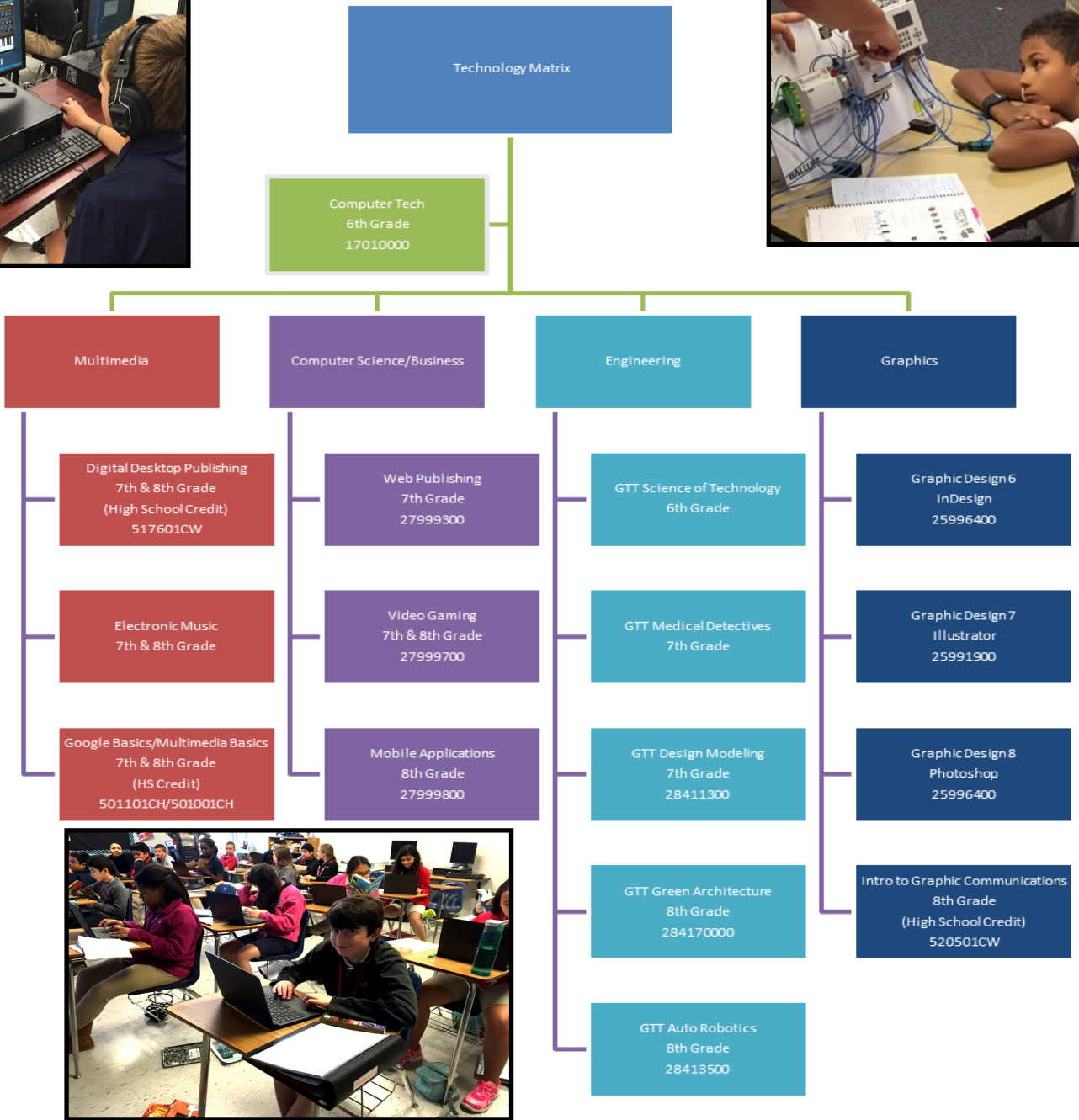
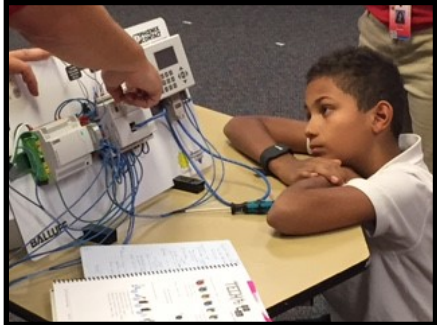
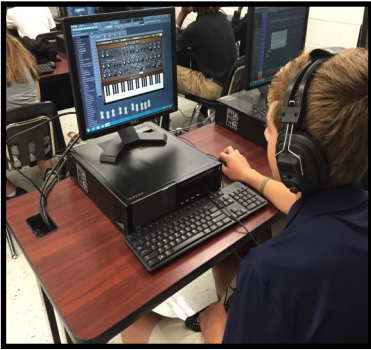
STEAM Hughes Academy integrates STEAM into the curriculum. STEAM (Science, Technology, Engineering, Arts, and Math) education is an interdisciplinary approach to learning that removes the traditional barriers separating the five disciplines and integrates them into real-world, rigorous, and relevant learning experiences for students.



Interested in applying to Hughes Academy? For more details go to www.greenville.k12.sc.us/hughes and click on *About Us—Magnet Program.*



Technology Classes at Hughes





Science at Hughes Academy

6th Grade

- Labs:**
- Dissection – Earthworm (invertebrates)
 - Plant growth- Grow beans and corn, multiple labs with live plants
 - Mealworm Observation
 - Blubber Gloves
 - Potential and Kinetic Energy
 - Animal Response
 - Weather Tools

- Current Curriculum Units:**
- Earth's Weather and Climate
 - Energy Transfer and Conservation
 - Classification of Living Things
 - Animal Adaptation and Survival
 - Protists, Fungi, and Plants

- STEAM Projects**
- Green Spaces
 - Rube Goldberg
 - A Night at the Museum

7th Grade

- Labs:**
- Bubble Gum Lab (scientific method)
 - Elephant Toothpaste (chemistry)
 - Slime (chemistry)
 - Dissection- Frog (human body systems)
 - Gummy Bear Osmosis
 - Disease Epidemic
 - Urinalysis

- Current Curriculum Units:**
- Classification and Conservation of matter
 - Organization in Living Systems
 - Inheritance and Variation of Traits
 - Interactions of Living Systems & Environment

- STEAM Projects**
- Green Spaces
 - Environmental Issues
 - CSI

8th Grade

- Labs:**
- 3-D Maps of Landforms of South Carolina, Models of Earth
 - Roller Coaster Design (force & motion)
 - Rocket/Race Car Design
 - Dissection – Cow Eye (light)
 - Waves (stations with reflection and refraction)
 - Shoe Friction
 - Solar Ovens

- Current Curriculum Units:**
- Forces and Motion
 - Waves
 - Earth's Systems
 - Earth's Resources
 - Earth's History and Diversity of Life
 - Earth's Place in the Universe

- STEAM Projects**
- Immigration
 - Grateful Dead
 - Wanted
 - Waves

XBOX 360 LAB

Hughes Academy has partnered with the Greenville Health System to offer students the opportunity to work with resident doctors each week. These doctors guide 7th graders through health lessons and provide real world applications. As part of this partnership, GHS donated funds to purchase an XBOX 360 lab. The Physical Education teachers use the lab



Spanish Partial Immersion Program

This program is a continuation of a successful completion of the Partial Immersion Language Program at Blythe Academy or a demonstration of equivalent level of language proficiency. Participating students develop second language proficiency in an academic context. The program features rigorous academic curriculum delivered through hands-on activities and opportunities for active involvement. Aligned with World Language Standards and Balanced Literacy Framework, students will develop the ability to think critically about the language and cultures across a broad range of subjects. Students accepted into this program for 2017-2018 will take 6th grade Spanish Language Arts for an extended amount of time. The following years, these students will have Spanish Language Arts and Social Studies in Spanish.

Spanish Events in 2017

Pen Pal Intercambio with Spain, Salsa of Greenville, dance performance at Blythe Academy of Languages, field trips, Family Spanish Club meetings, guest speakers, Latin American cooking lessons, and an EF Tour Trip to Spain in 2017.



Interested in applying to Hughes Academy? For more details go to www.greenville.k12.sc.us/hughes and click on *About Us—Magnet Program*. Check us out on Facebook and Instagram under Hughes Academy of Science and Technology

One Hughes—One Team—One Vision
Excellence in Student Achievement
Dr. Andrew B. Hooker

122 DeOyley Ave Greenville SC 29605

864-355-6200 · Fax 864-355-6275 · www.greenville.k12.sc.us/hughes