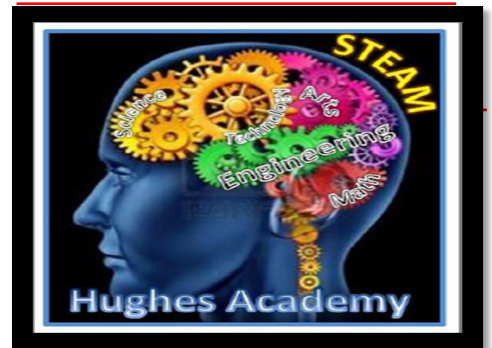
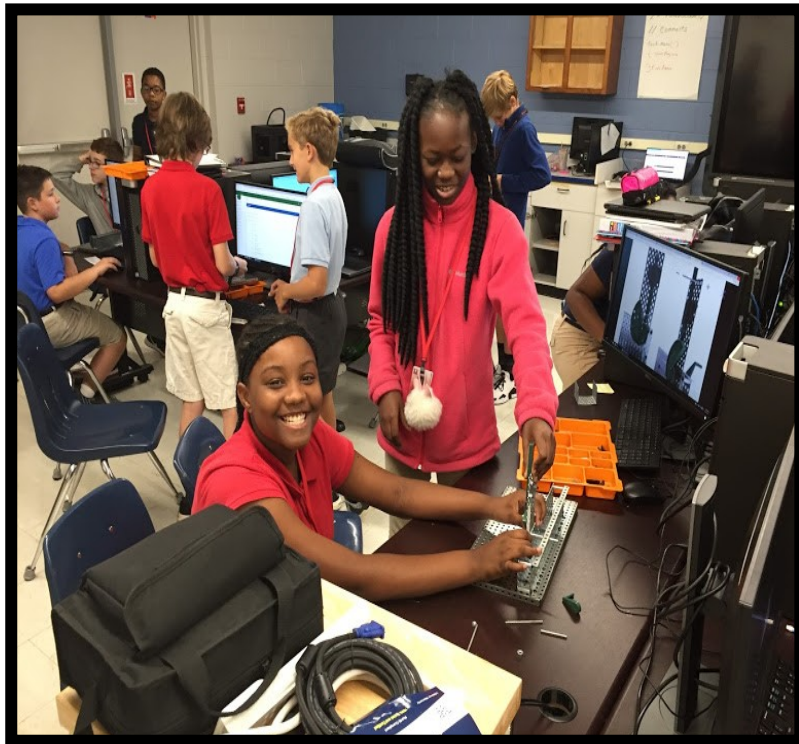


## Hughes Academy of Science and Technology

Our Virtual Prospective Parent/Magnet Night Open House Prerecorded Video will be available October 22, 2020 on the Hughes Academy website.  
[www.greenville.k12.sc.us/hughes](http://www.greenville.k12.sc.us/hughes)



We offer Science lab related arts classes!

### “HAND ON SCIENCE”

This course incorporates extra labs that support what is taking place in the students' core Science classes .

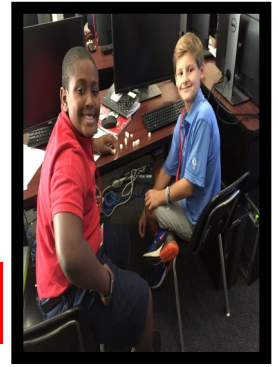
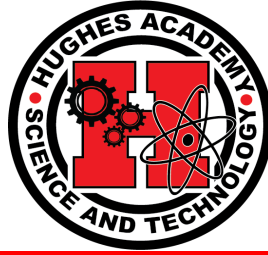
### We develop growth-minded learners.

Our STEAM curriculum involves students tackling real-world issues through exploration, inquiry, and problem solving experiences.

We offer GTT Engineering courses such as: Medical Detectives, Auto Robotics, Design and Modeling, Magic of Electrons, and Flight and Space.

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

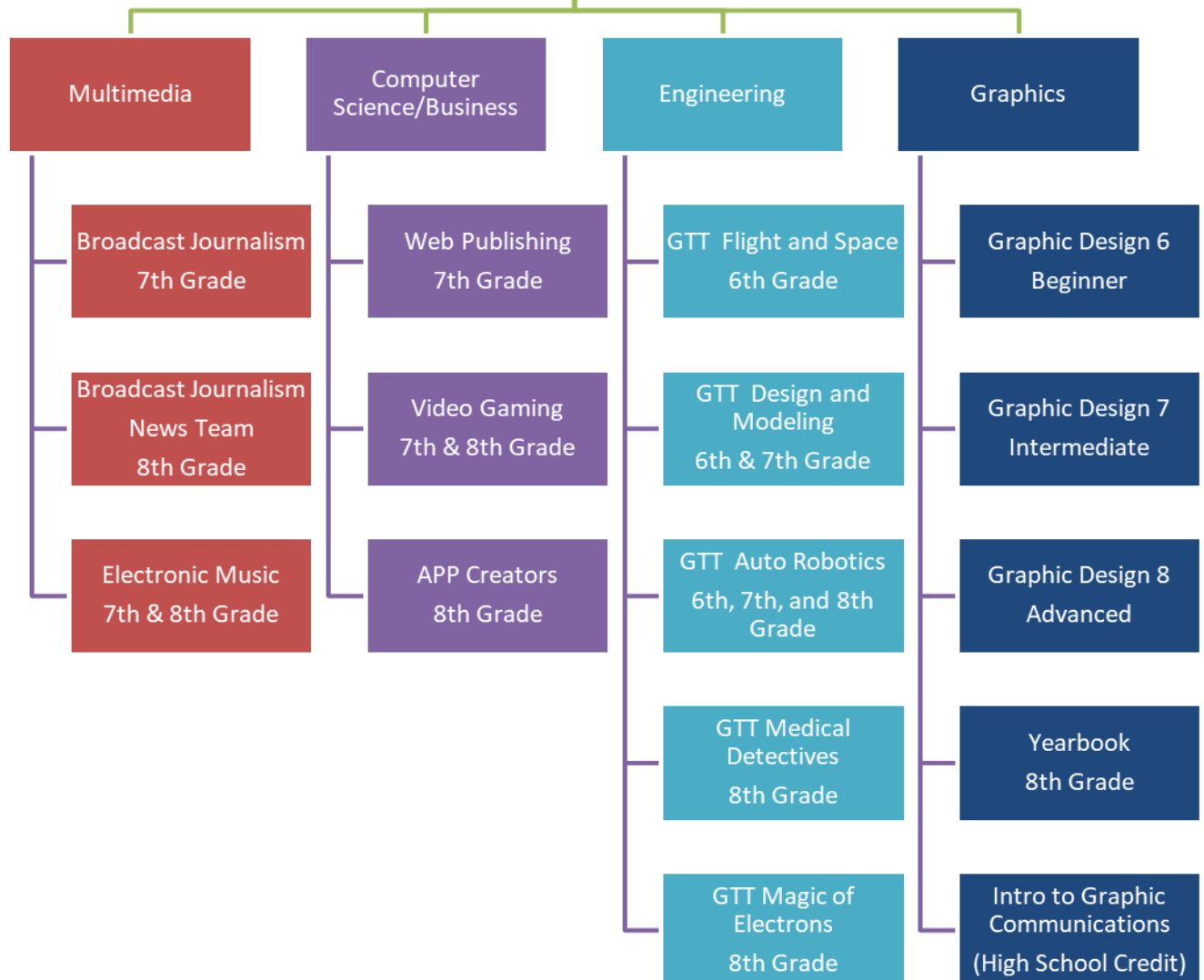


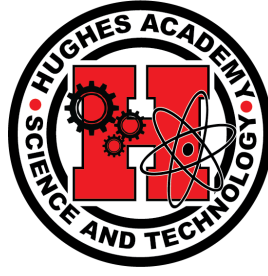


# Technology Classes at Hughes

Technology Matrix  
2021-2022

Computer Applications  
6th, 7th, 8th Grade





# Science at Hughes Academy

## 6th Grade

- Labs:**
- Dissection—Earthworms (invertebrates)
  - Plant growth—Grow beans and corn, multiple labs with live plants
    - Mealworm Observation
    - Blubber Gloves
  - Potential and Kinetic Energy
    - Animal Response
    - Weather Tools
- STEAM Projects:**
- Rube Goldberg
  - Night and the Museum
  - Build a Zoo

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

## 7th Grade

- Labs:**
- Bubble Gum Lab (scientific method)
  - Elephant Toothpaste (chemistry)
  - Slime (chemistry)
  - Dissection—Frog (human body systems)
  - Gummy Bear Osmosis
  - Disease Epidemic
  - Urinalysis
- STEAM Projects:**
- CSI
  - Environmental Issues
  - The Rock
  - Conflict/Resolution
  - Smack Dab in the Middle

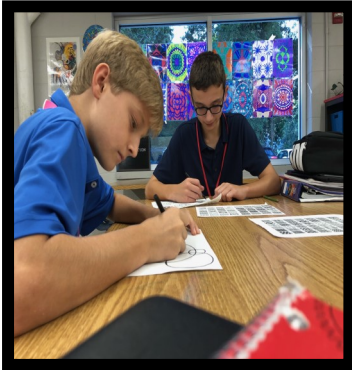
- Current Curriculum Units:**
- Classification and Conservation of matter
  - Organization in Living Systems
  - Inheritance and Variation of Traits

## 8th Grade

- Labs:**
- Airplane Design
  - Models of Earth, Volcano Models
  - Earthquake Resistant Building Design and Simulation
  - Rocketry/Race Car Design
  - Dissection—Cow Eye (light)
    - Waves (stations with reflection and refraction)
    - Shoe Friction
  - Solar System Models, Solar Oven

- 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

**We offer a variety of clubs and Fine Arts classes such as band, art, orchestra, and drama.**



### **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 2021-2022 will take 6th grade Spanish Language Arts for an extended amount of time. The following years, these students will have Honors Spanish Language Arts and Social Studies in Spanish. We encourage our Blythe Spanish Partial Immersion families, that are not zoned for us, to apply in round 1. \* Due to Covid—Virtual students accepted into our program will take a brief target language screening.

### **Spanish Events in 2021-2022**

**Pen Pal Intercambio, Salsa of Greenville, Charleston visit, family Spanish club meetings, guest speakers, field trips, BINGO night, and Latin American cooking lessons**



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

*Hughes Academy is a diverse and collaborative community developing growth minded learners.*

**Mr. Jordan Finlay**  
122 DeOyley Ave  
Greenville SC 29605