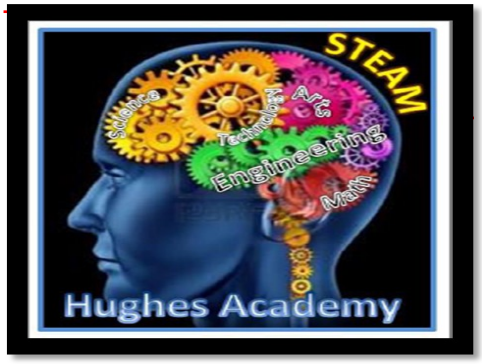
Hughes Academy of Science and Technology

Our Magnet/Prospective Parent Night Open House is October 17, 2019 from 5:30 to 7:00

This event is for all prospective families. Come check us out!



Hughes Academy is a STEAM middle school.

We offer Science lab related arts classes!

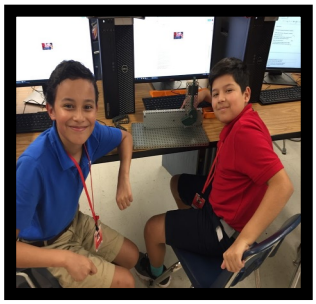
"Hands on Science"

This course focuses on teaching students the scientific method and incorporates extra labs that support what is taking place in the students' core science classrooms. Examples of labs include: penny boats, marshmallow launchers, noisy balloons, paper airplane soaring, and an Alka-Seltzer investigation activity. This is a GREAT science class if you love labs.

We offer health related Science classes such as **GTT Medical Detectives** and **Introduction to Health Professions!**

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 and click on *About Us—Magnet Program.*

Technology Classes at Hughes



Technology Matrix

Computer Tech
6th, 7th, 8th Grade

Multimedia

- Broadcast Journalism 7th Grade
- Broadcast Journalism News Team 8th Grade
- Electronic Music 7th & 8th Grade

Computer Science/Business

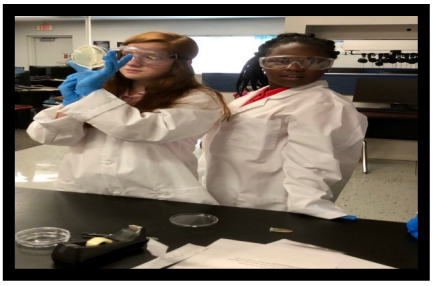
- Web Publishing 7th Grade
- Video Gaming 7th & 8th Grade
- Mobile Applications 8th Grade
- Computer Science Discoveries 8th Grade Virtual HS Credit

Engineering

- GTT Design Modeling 6th Grade
- GTT Medical Detectives 7th Grade
- GTT Science of Technology 7th Grade
- GTT Auto Robotics 7th Grade
- GTT Green Architecture 8th Grade

Graphics

- Graphic Design 6 InDesign
- Graphic Design 7 Illustrator
- Graphic Design 8 Photoshop
- Yearbook 8th Grade
- Graphic Design 8th Grade (High School Credit)



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

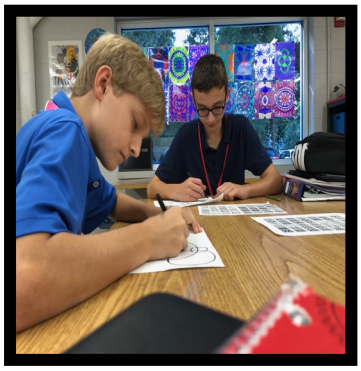
Current Curriculum Units:
- Classification and Conservation of matter
- Organization in Living Systems
- Inheritance and Variation of Traits

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 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 2019-2020 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.

Spanish Events in 2020-2021

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 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
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