



## WE DEVELOP **GROWTH-MINDED** LEARNERS.



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

### **WE OFFER SCIENCE LAB RELATED ARTS CLASSES**

Our “SCIENCE OF TECHNOLOGY” Course incorporates extra labs that support what is taking place in the student’s core Science classes.

### **WE OFFER GTT ENGINEERING COURSES SUCH AS:**

Medical Detectives, Auto Robotics, Design and Modeling, Magic of Electrons, and Flight and Space.

**OUR PROSPECTIVE PARENT/MAGNET NIGHT OPEN HOUSE**

**IS OCTOBER 21, 2024 FROM 5:30 - 7PM.**

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

[www.greenville.k12.sc.us/hughes](http://www.greenville.k12.sc.us/hughes)



# SCIENCE AT HUGHES ACADEMY

## SIXTH GRADE

### LABS/ACTIVITIES

- Paper Helicopter Inquiry Lab
- Ice Cream Phase Changes Lab
- Penguin House Design Project
- Mealworm Observations
- Frog Dissection
- Human Body Systems Clay Models
- Earthquake Shake Tables
- Rocks and Minerals Identification Lab

### CURRENT CURRICULUM UNITS:

- Matter and Interactions
- Waves
- From Molecules to Organisms/  
Human Body Systems
- Earth's Geologic Systems  
and Human Activity
- Earth's Atmospheric Systems  
and Human Activity

## SEVENTH GRADE

### LABS/ACTIVITIES

- Sunshine in a Bag
- Elephants Toothpaste
- Atom Model Building
- Alka Seltzer Rockets
- Physics of Roller Coasters
- Rubber Band Energy Lab
- Balloon Respiration
- Photosynthesis
- Energy Transfer Design
- Health Ecosystem Model
- Invent Device to Stop  
Invasive Species
- Sustainable Grazing
- Carbon Cycle Project
- Water Filtration
- Soil Quality

### CURRENT CURRICULUM UNITS:

- Lab Safety/Matter  
and Interactions
- Energy
- From Molecules to Organisms
- Ecosystem Dynamics
- Earth and Human Activity

## EIGHTH GRADE

### LABS/ACTIVITIES

- Airplane/Rocket Designs
- Newton's Laws and Matchbox Car Races
- Magnetism/Gravitational Force Exploration
- Building Circuits
- Electromagnetic and Wave Energy
- Technology Today
- Patterns Influencing Growth  
Genetic Coding
- Protein Synthesis
- Movement in Space
- Scaling the Solar System

### CURRENT CURRICULUM UNITS:

- Lab Safety/Motion and Stability
- Waves and their Application
- Inheritance and Traits/  
Biological Evolution
- Earths Place in the Universe



## MULTIMEDIA

**Broadcast Journalism**  
*7th Grade*

**Broadcast Journalism News Team**  
*8th Grade*

**Electronic Music**  
*7th and 8th Grade*

## ENGINEERING

**Engineering Essentials - 8th GTT**  
**Flight and Space - 6th**

**GTT Design and Modeling**  
*6th, 7th, & 8th Grade*

**GTT Auto Robotics**  
*6th, 7th, & 8th Grade*

**GTT Medical Detectives**  
*8th Grade*

**GTT Magic of Electrons**  
*6th Grade*

*\*pending teacher staffing*

## COMPUTER SCIENCE/ BUSINESS

**Web Publishing**  
*7th Grade*

**Video Gaming**  
*7th & 8th Grade*

**Computers APPS**  
*6th*

## GRAPHICS

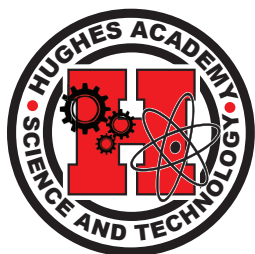
**Graphic Design 6**  
*Beginner*

**Graphic Design 7**  
*Intermediate*

**Graphic Design 8**  
*Advanced*

**Yearbook**  
*8th Grade*

**Intro to Graphic Communications**  
*(High School Credit)*



### INTERESTED IN APPLYING TO HUGHES ACADEMY?

Go to the About Us–Magnet Program at [www.greenville.k12.sc.us/hughes](http://www.greenville.k12.sc.us/hughes)  
Parents can apply online through their Backpack accounts.

Check us out on Facebook [facebook.com/hughesacademySC](https://facebook.com/hughesacademySC)  
and Instagram [instagram.com/hughesacademy](https://instagram.com/hughesacademy)



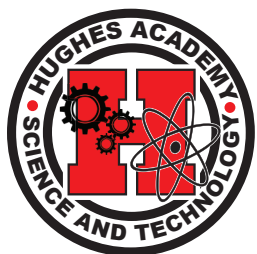
WE OFFER A VARIETY OF CLUBS AND FINE ARTS CLASSES SUCH AS BAND, ART, ORCHESTRA, AND DRAMA!

## 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 2025-2026 will take 6th grade Spanish Language Arts. 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 magnet round 1.

## SPANISH EVENTS 2025-26

Pen Pal Intercambio, Salsa of Greenville, Charleston visit, family Spanish club meetings, guest speakers, field trips, Spanish game night, Latin American cooking lessons, and a Spanish talent show.



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