



## 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 “HANDS ON SCIENCE” 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.

### **VIRTUAL PROSPECTIVE PARENT/MAGNET NIGHT OPEN HOUSE**

Prerecorded Video will be Available October 14, 2021  
on the Hughes Academy Website [www.greenville.k12.sc.us/hughes](http://www.greenville.k12.sc.us/hughes)



# SCIENCE AT HUGHES ACADEMY



## SIXTH 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 at the Museum

Build a Zoo

### CURRENT CURRICULUM UNITS:

Earth's Weather and Climate

Energy Transfer and Conservation

Classification of Living Things

Animal Adaptation and Survival

Protists, Fungi, and Plants

## SEVENTH 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

## EIGHTH 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

# TECHNOLOGY CLASSES

## 2022-2023

COMPUTER APPLICATIONS: 6th, 7th, and 8th Grade



### MULTIMEDIA

**Broadcast Journalism**  
*7th Grade*

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

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

### COMPUTER SCIENCE/ BUSINESS

**Web Publishing**  
*7th Grade*

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

**APP Creators**  
*8th Grade*

### ENGINEERING

**GTT Flight and Space**  
*6th Grade*

**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*

### GRAPHICS

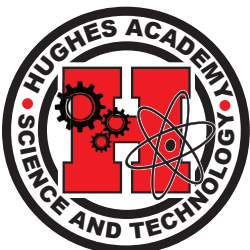
**Graphic Design 6**  
*Beginner*

**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)

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





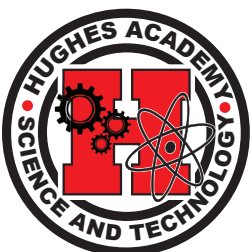
**WE OFFER A VARIETY OF CLUBS AND FINE ARTS CLASSES SUCH AS BAND, ART AND ORCHESTRA.**

## **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 2022-2023 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 magnet round 1.

## **SPANISH EVENTS 2022-23**

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



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and Instagram [instagram.com/hughesacademy](https://instagram.com/hughesacademy)