



2022-2023

ADVANCED ACADEMICS

Galveston ISD Grades 5th – 8th

PARTICIPATION

Advanced Academics includes courses, programs, assessments, services and supports that provide opportunities for students to demonstrate college and career readiness. Galveston ISD recognizes the value of student access to learning opportunities that strengthen college and career readiness. Students who participate in advanced academic coursework are on the pathway to building a foundation for future success. Advanced Academic courses challenge students beyond grade-level academic courses and prepare them for success in future advanced coursework. Gifted / Talented students are served by these courses as required under Texas Education Code §29.121.

Because of the district's commitment to the State of Texas Strategic Priority Number Three: *Connect High School to Career and College*, Galveston ISD encourages **all** students to experience **at least one advanced academic course** during middle school to have a full understanding of the rigor required to be *college ready*. Families who feel their child may benefit from the experience are encouraged to meet with the counselor to discuss the best-fit option for their child.

Minimum Requirements

- Average of 70 or higher in core academic classes in previous school year.
- Score of Approaches or higher on STAAR for Reading and Math.
- Student request for advanced academic course.
- Parent/Guardian agreement to expectations on file.

Advanced Academic Expectations

- Embrace increased curriculum depth and complexity.
- Accept more rigorous pace of instruction.
- Complete advanced homework/projects.
- Attend summer enrichment and/or complete summer readings and projects.
- Participate in advanced academic activities (ex. Science Fair).
- Maintain passing standards in advanced academic classes and on state exams.

Requirements and expectations will be reviewed annually to determine continuing participation. Parents/Guardians and their students choose to participate and may choose to withdraw; however, some curriculum is progressive, and withdrawal or failure to meet expectations may prevent immediate re-entry. Galveston ISD uses assessments and progress measures (see below) to assist in scheduling students appropriately.

The mission of Galveston Independent School District is to Educate, Engage, and Empower each student for a life of excellence.



GRADE 5

Advanced Core

Students begin taking advanced Math, Science, Reading, and Social Studies classes with a cohort of high achievers.

Tech Apps

All students are exposed to the basics of Technology Applications.

STEAM Rotation

Students experience STEM, Theater, Art, and Music.

Robotics

Extra-curricular competitive Robotics is offered daily after school.

Enriched Experiences

Academic UIL
Field Trips
PLTW Launch
Blended Learning
Washington DC



GRADE 6

Advanced Core

Students continue advanced Math, Science, Reading and Social Studies classes.

Principles of Technology

Students enroll in their first HS credit STEM CTE course.

Fine Arts

Band is introduced in Grade 6 and students choose their elective.

Robotics

Extra-curricular competitive Robotics is offered as a class and after school.

Enriched Experiences

Academic UIL
Field Trips
A+ Activities
Costa Rica



GRADE 7-8

Advanced Core

Advanced Reading & Writing, Social Studies, Pre-Algebra, Algebra, Biology

Fine Arts

HS Credit Art, Theater, Band, Choir





Robotics

HS Credit Fundamentals of Computer Science, HS Credit Robotics

Experiences

Academic UIL, STEM Fair, PSAT, Pre-ACT, Field Trips in TX and Abroad

**Central MS advanced academics are designed for access to college readiness. Students will take the [TSIA2](#) after 8th grade.*

<p>BIOMED</p> 	<p>STEM</p> 	<p>INNOVATION & ENTREPRENEURSHIP</p> 	<p>MEDIA</p> 
<p>Medical Detectives (7th)</p> <p>Principles of Biomedical Science (8th)</p>	<p>Intro to Engineering (7th)</p> <p>Engineering Design (8th)</p>	<p>Financial Literacy (7th)</p> <p>Principles of Business (8th)</p>	<p>Digital Media (7th)</p> <p>Principles of Audio-Visual Production (8th)</p>
<p>Students delve into activities like designing a prosthetic arm and investigate how to prevent, diagnose, and treat disease.</p>	<p>Students apply math, science, and engineering standards to hands-on projects like designing new devices or improving an existing product.</p>	<p>Students apply mathematical standards to manage financial resources effectively for lifetime financial security. Students learn the basics of financial institutions, borrowing money, and lending principles.</p> <p>mxINCedu</p>	<p>Students will explore the Audio and Video production industry and its post-secondary educational and career opportunities. Professional grade equipment and software will be used in the creation of student-led productions.</p>