

4-Year Plan: Flowery Branch High School STEAM Program

(For Freshmen Entering FBHS 2017 and After)

*EC / DE = Early College or Dual Enrollment option

*STEAM students are expected to have a science, math, ENG course connection every year

Subject	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Core Class Schedules					
Science	Physical Science	AP Biology	AP Chemistry	AP Physics I	AP Physics C
			Honors Chemistry	Honors Physics	AP Physics I
				AP Chemistry	Honors Physics
					Microbiology
Literature	9th Grade Literature	Honors World Literature	Honors American Literature	Adv. Comp	AP Language AP Lit AP Research (with AP Sem Prereq) EC / DE
				AP Language	
				AP Seminar	
				EC / DE	
Math	Acc. Coord. Alg / Geom	Acc. Geom / Adv. Alg	Honors Pre Calculus	AP Calculus (AB/BC or AB)	AP Statistics
				Honors Calculus	AP Calculus AB/BC
	Honors Coordinate Algebra	Honors Geom	Honors Advanced Algebra	Honors Pre Calculus	
Social Studies	Georgia Studies	Honors World History	Honors US History	Honors Government / Honors Economics	AP SS Elective / EC / DE
		AP World History	AP US History	AP Government	AP or Honors Econ/EC/DE
				Econ/Gov at EC or DE	Econ/Gov at EC or DE
Engineering	N/A	Honors Foundations of Engineering/ Technology	Honors Engineering Concepts	Honors Engineering Applications	STEAM Senior Capstone ENG 4, AP Research, or HWBL

Fine Arts Options Include:

Art
Band
Chorus
Graphic Design
Engineering Drafting and Design Pathway
Theater / Theater Tech
Culinary Arts (at LCCA)**

Other AP Classes that may be used as electives:

AP Human Geography (9th or 10th Grade)
AP Environmental (9th or 10th Grade)
AP Spanish Literature
AP Spanish Language
AP Statistics
AP Computer Science Principles
AP Art History
AP Seminar and AP Research
AP Psychology
AP Art Studio 2D

Alternate Off-Campus Courses for Junior / Senior Years**

Honors Mentorship
Honors Work Based Learning
Dual Enrollment
Early College

Additional Information to Consider

- AP courses are by teacher recommendation
- **Students interested in off-campus courses for Junior/Senior years should discuss application and requirements with counselors and notify the STEAM Coordinator and the EOY prior to the anticipated school year
- **Off-campus courses require 2 periods for travel time and work with STEAM schedule