

Lovejoy High School
Mathematics & Computer Science 4-year-plan of Study

Content	9th Grade	10th Grade	11th Grade	12th Grade
Mathematics	Algebra I Algebra 1* Algebra II	Geometry	Pre-Calculus or Calculus	Pre-Calculus / Calculus or AP Calculus /Calculus BC Or Statistics AP
Science	Biology Hon	Physical Science* Or Physics Chemistry Hon	Chemistry Hon or AP Biology AP Chemistry or AP Environmental Science Physics	AP Environmental Science AP Physics or AP Chemistry or AP Biology
English	Hon 9th Grade Literature	Hon World Literature	AP Language/Composition	AP Literature, or Dramatic Writing/Advance Composition
Social Science	AP World History	AP Government	AP U.S. History	AP Economics/ Elective(s)
Foreign Language	Chinese I	Chinese II	Chinese III	Chinese IV
Electives or other required courses	Health/ Personal Fitness Fine Arts	Elective	Elective	Elective
LHS -Magnet Program	Intro to Digital Technology	AP Computer Science Principals	AP Computer Science A	Alternative Pathways: <ul style="list-style-type: none"> • Game Design: Animation and Simulation • Cybersecurity
Dual Enrollment Options:	Students can choose: Electives	Students can choose: Core courses	SB 2 students can choose: 2 year Degree Program	SB 2 students can choose: Certificate or Diploma Program

*High School class taken in Middle School . Required courses are in **Bold**.

***SB 2 Students- Summer School is mandatory to complete the Associate Degree.**

High School Graduation Option B (SB2) is available to Georgia public high school students (O.C.G.A. 20-2-149.2). Per HB 444 of 2020, high school students designated as pursuing a high school diploma by High School Graduation Option B . (SB2) as of Spring term 2020, and received Dual Enrollment funding as an Option B (SB2) student, may continue in the Dual Enrollment funding program and are not subject to the Funding Cap.