

BYRAM HILLS HIGH SCHOOL

CURRICULUM PLANNING CHART

2024-2025

(Course offerings are subject to change)

ENGLISH			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 9	English 10	English 11 or AP English Language	English 12 or AP English Literature or Perspectives in Literature Humanities Seminar: Ethics in Literature Humanities Seminar: Multimedia Journalism Humanities Seminar: Race, Class, Culture in the U.S. Humanities Seminar: Podcasting: The Art of Multimedia Narrative
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
Speech Communication Writing Workshop	Creative Writing	Creative Writing	Creative Writing

HISTORY AND SOCIAL STUDIES			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Global History I	Global History II or AP World History	U.S. History & Government or AP U.S. History	Economics <i>and</i>
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	OPTIONS (Half Year)
Popular Culture Understanding Current Events	Investments & Markets Popular Culture Understanding Current Events	Investments & Markets The Human Conscience in History Understanding Current Events The Twentieth Century	Investments & Markets Practical Law Psychology The Human Conscience in History The Twentieth Century
			OPTIONS (Full Year)
			AP European History/Economics AP Human Geography/Economics AP US Government & Politics/Economics Humanities Seminar: Race, Class, Culture in the U.S.

MATHEMATICS			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Regents Algebra 1	Regents Geometry	Regents Algebra 2	Introduction to Probability & Statistics Trigonometry/Precalculus
Algebra 1	Geometry	Algebra 2 & Trigonometry	Precalculus

Math Workshop	Regents Geometry	Regents Algebra 2	AP Statistics
Pathways in Engineering		AP Computer Science	Trigonometry/Precalculus
		AP Computer Science Principles	AP Computer Science
			AP Computer Science Principles
Algebra 1	Trigonometry & Algebra 2	Precalculus	AP Calculus AB
			Calculus
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Pathways in Engineering	Pathways in Engineering	Pathways in Engineering
Pathways in Engineering	Trigonometry & Algebra 2	Precalculus	Calculus
	AP Computer Science	AP Statistics	AP Calculus AB
		AP Computer Science	AP Statistics
		AP Computer Science Principles	AP Computer Science
			AP Computer Science Principles
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Pathways in Engineering	Pathways in Engineering	Pathways in Engineering
Advanced Geometry	Advanced Algebra 2/Trigonometry	Advanced Precalculus/Calculus	AP Calculus AB
Pathways in Engineering	Trigonometry & Algebra 2	AP Statistics	AP Calculus BC
	AP Computer Science	AP Computer Science	AP Statistics
		AP Computer Science Principles	Calculus
			AP Computer Science
			AP Computer Science Principles
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Pathways in Engineering	Pathways in Engineering	Pathways in Engineering

COMPUTER SCIENCE

GRADE 9	GRADE 10	GRADE 11	GRADE 12
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
Introduction to Computer Science			

SCIENCE

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Physical Setting/Earth Science Regents	The Living Environment/Regents Biology	Authentic Science Research	ELECTIVE (Full Year)
	Authentic Science Research	Concepts in Physics	Authentic Science Research
			Concepts in Physics
			Chemistry
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century
	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics
	Geology of the Hudson Valley	Geology of the Hudson Valley	Geology of the Hudson Valley

	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)
	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen
	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters
	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1
	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2
Physical Setting/Earth Science Regents	The Living Environment/Regents Biology	Physical Setting/Chemistry Regents	ELECTIVE (Full Year)
	Authentic Science Research	Authentic Science Research	Physics
		Concepts in Physics	AP Biology
		AP Environmental Science	AP Environmental Science
			Authentic Science Research
			Concepts in Physics
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century
	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics
	Geology of the Hudson Valley	Geology of the Hudson Valley	Geology of the Hudson Valley
	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)
	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen
	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters
	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1
	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2
The Living Environment Biology A Regents	Physical Setting/Chemistry Regents A	ELECTIVE (Full Year)	ELECTIVE (Full Year)
	Authentic Science Research	Physics	Physics
(Earth Science completed in Grade 8)		Physics A	Physics A
		AP Chemistry	AP Chemistry
		AP Biology	AP Biology
		AP Environmental Science	AP Environmental Science
		Authentic Science Research	AP Physics C: Mechanics
		Concepts in Physics	Authentic Science Research
			Concepts in Physics
	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century	Inventions & Innovations of the 21st Century
	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics	Crime Scene Investigation & Forensics
	Geology of the Hudson Valley	Geology of the Hudson Valley	Geology of the Hudson Valley
	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)	Eye to the Sky (Astronomy/Meteorology)
	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen	The Environmentally Conscious Citizen
	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters	Environmental Impact of Natural Disasters
	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1	Biomedical Engineering, Anatomy & Physiology Part 1
	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2	Biomedical Engineering, Anatomy & Physiology Part 2

ROBOTICS			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
	Robotics I	Robotics I	Robotics I
	Robotics II	Robotics II	Robotics II
		Robot Master	Robot Master

WORLD LANGUAGES			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Spanish Communication I	Spanish Communication II	Spanish Communication III	
	Spanish Communication III		
	Spanish II	Spanish III	Spanish IV or Pre-AP IV
Spanish II	Spanish III	Spanish IV or Pre-AP IV	Spanish V or AP Spanish
		Spanish IV Commerce	Spanish IV Commerce
French II	French III	French III	French IV or Pre-AP IV
		French IV or Pre-AP IV	French V or AP French
Italian I	Italian II	Italian III	Italian IV or Pre-AP IV
Italian II	Italian III	Italian IV or Pre-AP IV	Italian V or AP Italian

FINE ARTS			
VISUAL AND MEDIA ARTS			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
	ELECTIVE (Full Year)	ELECTIVE (Full Year)	ELECTIVE (Full Year)
	Advanced Drawing & Painting	Advanced Drawing & Painting	Advanced Drawing & Painting
		AP Studio Art	AP Studio Art
		AP Photography	AP Photography
		AP Graphic Design	AP Graphic Design
		AP 3D Design	AP 3D Design
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
Studio Art *	Studio Art *	Studio Art *	Studio Art *
Drawing & Painting	Drawing & Painting	Drawing & Painting	Drawing & Painting
Sculpture & Ceramics	Sculpture & Ceramics	Sculpture & Ceramics	Sculpture & Ceramics
Movie Making & Media	Ceramics II	Ceramics II	Ceramics II
Photography	Ceramics Workshop	Ceramics Workshop	Ceramics Workshop
Graphic Design I	Sculpture II	Sculpture II	Sculpture II
	Movie Making & Media	Movie Making & Media	Movie Making & Media
	Introduction to Film	Introduction to Film	Introduction to Film
	Digital Storytelling	Digital Storytelling	Digital Storytelling
	Photography	Photography	Photography

	Advanced Photography	Advanced Photography	Advanced Photography
	Graphic Design I	Graphic Design I	Graphic Design I
	Graphic Design II	Graphic Design II	Graphic Design II
	Metalsmithing & Jewelry Design	Metalsmithing & Jewelry Design	Metalsmithing & Jewelry Design
	Metalsmithing & Jewelry Design II	Metalsmithing & Jewelry Design II	Metalsmithing & Jewelry Design II

MUSIC AND THEATRE ARTS

GRADE 9	GRADE 10	GRADE 11	GRADE 12
ELECTIVE (Full Year)	ELECTIVE (Full Year)	ELECTIVE (Full Year)	ELECTIVE (Full Year)
Concert Choir	Concert Choir	Concert Choir	Concert Choir
Concert Band	Concert Band	Symphonic Winds	Symphonic Winds
Concert Orchestra	String Orchestra	String Orchestra	String Orchestra
Symphonic Winds	Private Music Instruction	Private Music Instruction	Private Music Instruction
String Orchestra	AP Music Theory	AP Music Theory	AP Music Theory
Private Music Instruction	Theatre Tech	Theatre Tech	Theatre Tech
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
Theatre Workshop	Theatre Workshop	Theatre Workshop	Theatre Workshop
Studio Music Production & Composition			
Studio Music Production & Composition II			
	Music Theory	Music Theory	Music Theory
	Guitar Workshop	Guitar Workshop	Guitar Workshop

* = This course is a prerequisite for enrollment in ALL Visual and Media Art Department courses.

HEALTH AND PHYSICAL EDUCATION

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Physical Education 9	Physical Education 10	Physical Education 11	Physical Education 12
CPR	CPR		
	(Half Year)		
	Health		
ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)	ELECTIVE (Half Year)
Sports Science & Nutrition			
Wellness for Life	Wellness for Life	Wellness for Life	Wellness for Life

SPECIAL PROGRAMS / MISCELLANEOUS

GRADE 9	GRADE 10	GRADE 11	GRADE 12
	(Full Year)	(Full Year)	(Full Year)
	Global Scholars: Seminar	Global Scholars: Seminar	Global Scholars: Seminar
		Global Scholars: Action Research	Global Scholars: Action Research
		StartUp-Entrepreneurship Program (Year 1)	Global Scholars: Leadership
		Work Experience 300 hours	StartUp-Entrepreneurship Program (Year 1)

		Work Experience 150 hours	StartUp-Entrepreneurship Program (Year 2)
			Senior Internship
			Mentor Program
			Big Brother/Big Sister
			Peer Leadership
			AP Computer Science TA
			AP Computer Science Principles TA
			Chemistry TA
			Work Experience 300 hours
			Work Experience 150 hours