

BYRAM HILLS HIGH SCHOOL CURRICULUM PLANNING CHART – 2020-2021

GRADE 9	GRADE 10	GRADE 11	GRADE 12
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ENGLISH

English 9 Elective (Half Year) Speech Communication Writing Workshop	English 10	English 11 or AP English Lang Elective (Half Year) Creative Writing	English 12 or AP English Lit or Perspectives in Literature Humanities Seminar: Multimedia Journalism Humanities Seminar: Race,Class,Culture in the U.S. Elective (Half Year) Creative Writing
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SOCIAL STUDIES

Global History I Elective (Half Year) Popular Culture Understanding Current Events	Global History II Or AP World History Elective (Half Year) Investments & Markets Popular Culture Understanding Current Events	US History & Government or AP US History Elective (Half Year) Investments & Markets Human Conscience In History Understanding Current Events The Twentieth Century	Economics and Elective (Half Year) Investments & Markets Practical Law Psychology The Twentieth Century Human Conscience in History Elective (Full Year) AP European History OR AP Human Geography/Economics AP US Government & Politics/Economics Humanities Seminar: Race,Class Culture in the U.S.
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MATHEMATICS

Algebra 1 Pt. 1	Geometry B	Algebra 1 Pt. 2	Intro to Probability and Statistics Algebra 2
Algebra 1 Math Workshop Pathways in Engineering	Geometry Geometry B (Half Year) Pathways in Engineering	Algebra 2 & Trig Algebra 2 AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering	Precalculus AP Statistics Trigonometry/Precalculus AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering
Geometry * Pathways in Engineering	Algebra 2 & Trig* PreCalculus Part 1** AP Computer Science (Half Year) Pathways in Engineering	Precalculus AP Statistics AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering	Calculus AP Calculus (AB) AP Statistics AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering
Geometry A Pathways in Engineering	Algebra 2 & Trig A PreCalculus Part 1** AP Computer Science (Half Year) Pathways in Engineering	Precalculus A AP Statistics AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering	AP Calculus (AB) AP Calculus (BC) AP Statistics Calculus AP Computer Science AP Computer Science Principles (Half Year) Pathways in Engineering

* = only applies to students who entered 9th grade prior to September 2019.

** = only applies to 10th grade students on and after September 2020.

WORLD LANGUAGES

Spanish Communication I	Spanish Communication II Spanish Communication III	Spanish Communication III	
Spanish 1 Spanish 2	Spanish 2 Spanish 3	Spanish 3 Spanish 4 or Pre-AP IV Spanish IV Commerce	Spanish 4 or Pre-AP IV Spanish 5 or AP Spanish Spanish IV Commerce
French 2	French 3	French 4 or Pre-AP IV	French 4 or Pre-AP IV French 5 or AP French
Italian 1 Italian 2	Italian 2 Italian 3	Italian 3 Italian 4 or Pre-AP IV	Italian 4 or Pre-AP IV Italian 5 or AP Italian

PHYSICAL EDUCATION AND HEALTH

Physical Education 9 C.P.R. Elective (Half Year) Sports Science & Nutrition Wellness for Life	Physical Education 10 C.P.R. (Half Year) Health Elective (Half Year) Sports Science & Nutrition Wellness for Life	Physical Education 11 Elective (Half Year) Sports Science & Nutrition Wellness for Life	Physical Education 12 Elective (Half Year) Sports Science & Nutrition Wellness for Life
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Physical Setting/Regents Earth Science	The Living Environment/ Regents Biology Authentic Science Research Elective (Half year) Robotics I Robotics II Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	Authentic Science Research Concepts in Physics Elective (Half year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	Elective (Full Year) Authentic Science Research Concepts in Physics Chemistry Elective (Half year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2
Physical Setting/Earth Science Regents	The Living Environment/ Regents Biology Authentic Science Research Elective (Half year) Robotics I Robotics II Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	The Physical Setting/Chemistry Regents Authentic Science Research Concepts in Physics Elective (Half year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	Elective (Full Year) Physics AP Biology AP Chemistry Authentic Science Research Concept in Physics Elective (Half year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2
The Living Environment Biology A Regents (Earth Science completed in Grade 8)	The Physical Setting/Chemistry Regents A Authentic Science Research Elective (Half Year) Robotics I Robotics II Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	Elective (Full Year) Physics AP Physics 1 AP Chemistry AP Biology Authentic Science Research Concepts in Physics Elective (Half Year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2	Elective (Full Year) Physics AP Physics 1 AP Chemistry AP Biology AP Physics C Authentic Science Research Concepts in Physics Elective (Half Year) Robotics I Robotics II Robot Master Inventions & Innovations of 21 st Century Crime Scene Investigation & Forensics Geology of the Hudson Valley Eye to the Sky The Environmentally Conscious Citizen Environmental Impact of Natural Disasters Biomedical Engineering, Anatomy & Physiology Part 1 Biomedical Engineering, Anatomy & Physiology Part 2

MUSIC AND THEATRE

<p>(Full Year) Concert Choir Concert Band Concert Orchestra</p> <p>(Half Year) Theatre Workshop Studio Music Production & Comp. Studio Music Production & Comp. II</p>	<p>(Full Year) Concert Choir Symphonic Winds Wind Symphony String Orchestra Private Music Instruction AP Music Theory Theatre Tech (Half Year) Theatre Workshop Studio Music Production & Comp. Studio Music Production & Comp. II Music Theory Guitar Workshop</p>	<p>(Full Year) Concert Choir Symphonic Winds Wind Symphony String Orchestra Private Music Instruction AP Music Theory Theatre Tech (Half Year) Theatre Workshop Studio Music Production & Comp. Studio Music Production & Comp. II Music Theory Guitar Workshop</p>	<p>(Full Year) Concert Choir Symphonic Winds Wind Symphony String Orchestra Private Music Instruction AP Music Theory Theatre Tech (Half Year) Theatre Workshop Studio Music Production & Comp. Studio Music Production & Comp. II Music Theory Guitar Workshop</p>
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<p>(Full Year) <i>none</i></p> <p>(Half Year) Studio Art** Drawing & Painting Sculpture & Ceramics Movie Making & Media Photography Graphic Design I **Prerequisite</p>	<p>(Full Year) Adv Drawing & Painting (Half Year) Studio Art** Drawing & Painting Sculpture & Ceramics Ceramics II Sculpture II Movie Making & Media Introduction to Film Digital Storytelling Photography Advanced Photography Graphic Design I Graphic Design II Metalsmithing & Jewelry Design **Prerequisite</p>	<p>(Full Year) Adv Drawing & Painting AP Studio Art AP Photography AP Graphic Design AP 3D Design Yearbook Production (Half Year) Studio Art** Drawing & Painting Sculpture & Ceramics Ceramics II Sculpture II Movie Making & Media Introduction to Film Digital Storytelling Photography Advanced Photography Graphic Design I Graphic Design II Metalsmithing & Jewelry Design **Prerequisite</p>	<p>(Full Year) Adv Drawing & Painting AP Studio Art AP Photography AP Graphic Design AP 3D Design Yearbook Production (Half Year) Studio Art** Drawing & Painting Sculpture & Ceramics Ceramics II Sculpture II Movie Making & Media Introduction to Film Digital Storytelling Photography Advanced Photography Graphic Design I Graphic Design II Metalsmithing & Jewelry Design **Prerequisite</p>
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MISCELLANEOUS

<p>(Half Year) Intro to Computer Science</p>	<p>(Full Year) Global Scholars: Seminar (Half Year) Intro to Computer Science</p>	<p>(Full Year) Work Experience 300 hrs Work Experience 150 hrs Global Scholars: Seminar Global Scholars: Action Research (Half Year) Intro to Computer Science</p>	<p>(Full Year) Work Experience 300 hrs Work Experience 150 hrs Senior Internship Mentor Program Big Brother/Sister Peer Leadership AP Computer Science TA Chemistry TA Global Scholars: Seminar Global Scholars: Action Research Global Scholars: Leadership (Half year) Intro to Computer Science</p>
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*Course offerings are subject to change