



Curriculum, Instruction, and Assessment

at Bernards High School

Presented by

Dr. Brian Brotschul - Superintendent

Dr. Coleen Butler- Assistant Superintendent

Michael Catelli- Director of Academic Support, Enrichment, and Multilingual Education

Dr. Olga Edgerton - Supervisor of Math, Science and Technology K-12

Lindsay Barna- Supervisor of English Language Arts, Media, Visual & Performing K-12



BHS Social Studies Department

Core History Courses

World History



US History 1



US History 2

Social Studies Electives

Open to 10th Grade

Comparative World Religions

Untold Histories

AP World History: Modern

AP Psychology

AP Human Geography

Open to 11th Grade

Contemporary Global Issues

Psychology A

Popular Music in American History

Sociology

Law, Civics, and Citizenship

AP US Government and Politics

Open to 12th Grade

20th Century History Through Film

AP Modern European History

You can find descriptions of the electives on the
[Social Studies Department Website](#)



BHS Social Studies Department

New elective running 2024-25

AP Human Geography





New Course

New elective running 2025-26

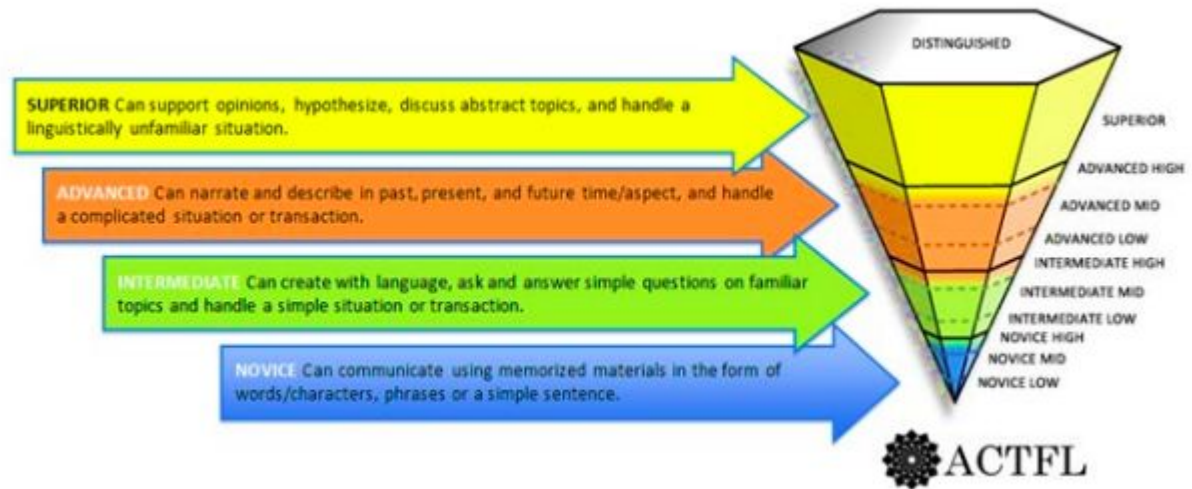
Entrepreneurship



BHS World Language Department

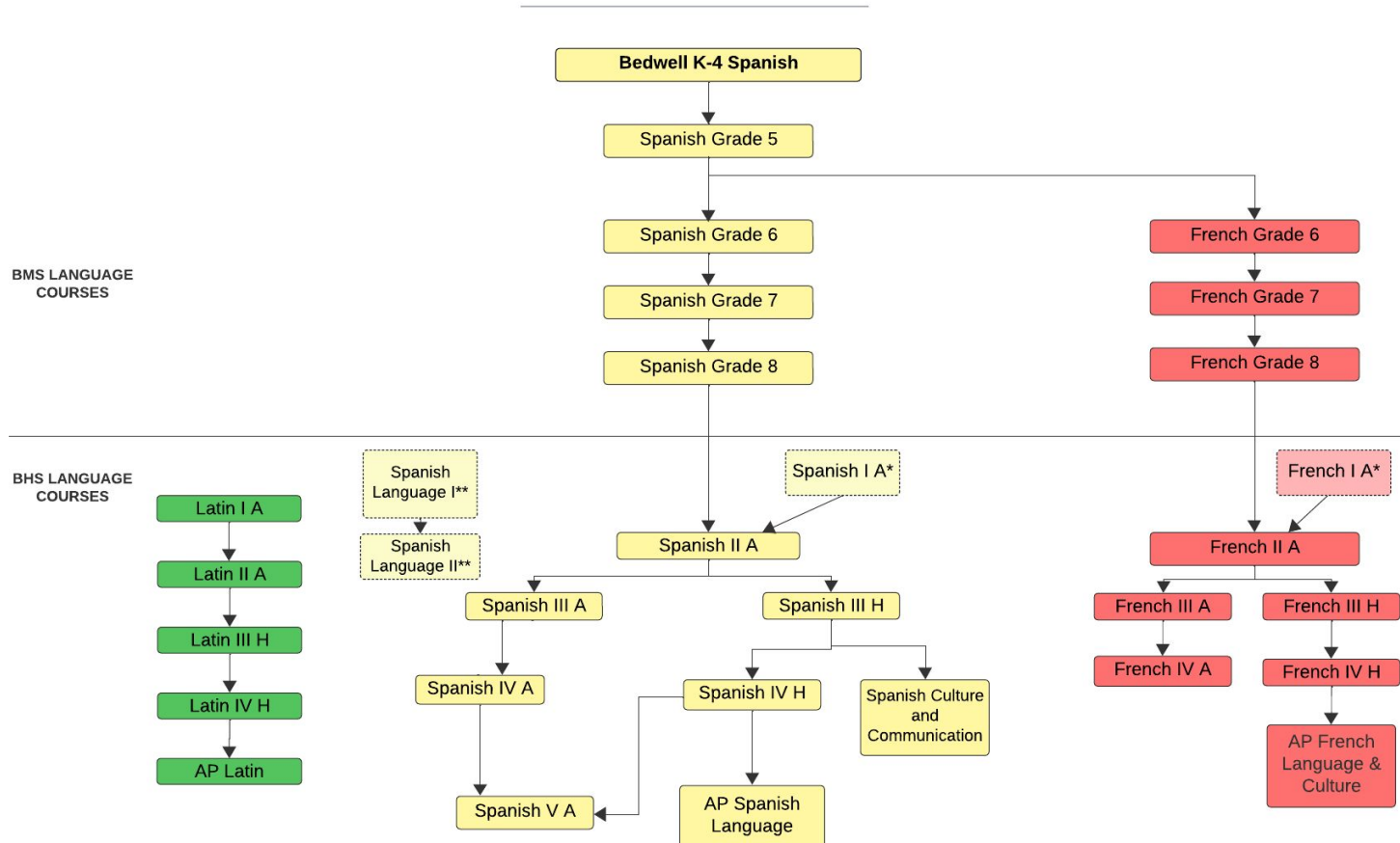
BHS redesigned all our modern world language curriculum with a proficiency focus. Proficiency based curriculum has students explain if they enjoyed their meal at a restaurant instead of memorizing restaurant vocabulary.

Some new units include: Beauty Inside & Out, World Leaders, Family Traditions, and Media Literacy



BHS World Language Department

The Somerset Hills School District World Languages Sequence





BHS English Department



- Four year required sequence of core courses
- Several electives offered
- Courses develop reading, writing, language, listening and speaking skills as outlined by the NJSL
- Reading selections include all genres - combination of core texts, choice books and supplemental materials (articles, short stories, poems, etc.)
- Writing includes narrative, informative/explanatory, and persuasive/argumentative (often in the form of literary analysis)
- Summer Reading Program: All students 9-12 are required to read two books over the summer. Students enrolled in Advanced Placement courses will have additional summer reading requirements.



BHS English Department

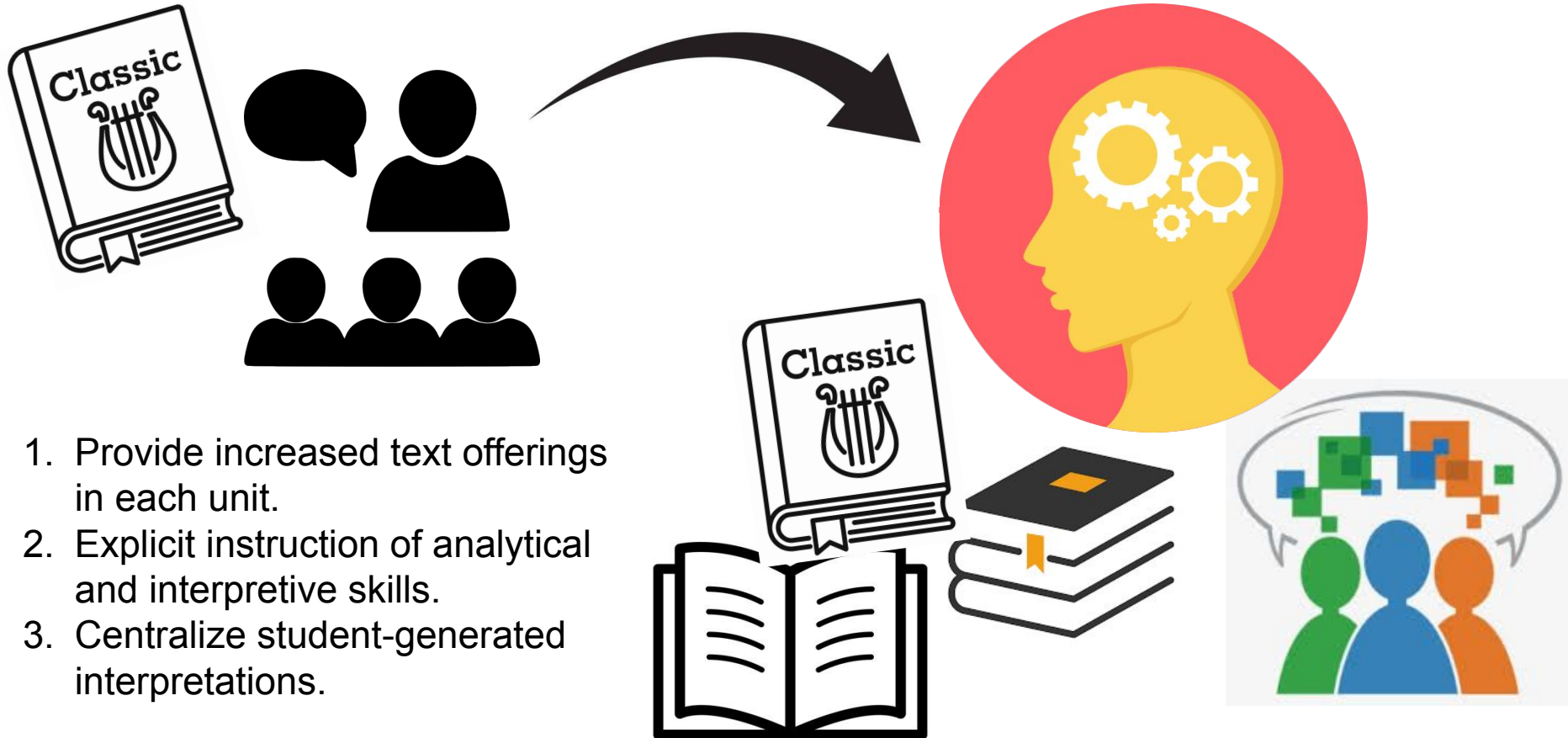
Grade 9	Grade 10	Grade 11	Grade 12
English I (A)	English II (A)	English III (A)	English IV (A)
English I (H)	English II (H)	English III (H) English III AP	English IV (H) English IV AP
ESL English	ESL English	ESL English	ESL English English IV
Introduction to Journalism* Creative Writing* Public Speaking* Debate* Techniques of Writing*	Introduction to Journalism* Journalism I* Creative Writing* Public Speaking* Debate* Techniques of Writing*	Introduction to Journalism* Journalism I* Journalism II* Creative Writing* Public Speaking* Debate*	Introduction to Journalism* Journalism I* Journalism II* Publications Honors* Creative Writing* Public Speaking* Debate*

Course descriptions are available in the Program of Studies document located on shsd.org



BHS English Department

Instructional shifts to increase reading volume and transfer.





BHS English Department

2025-2026 Journalism Update

Starting in the 2025-2026 school year, Journalism I will count toward meeting the 21st Century College and Career Readiness graduation requirement.





New Course

New elective running 2025-26

Tomorrow's Teachers



KEAN



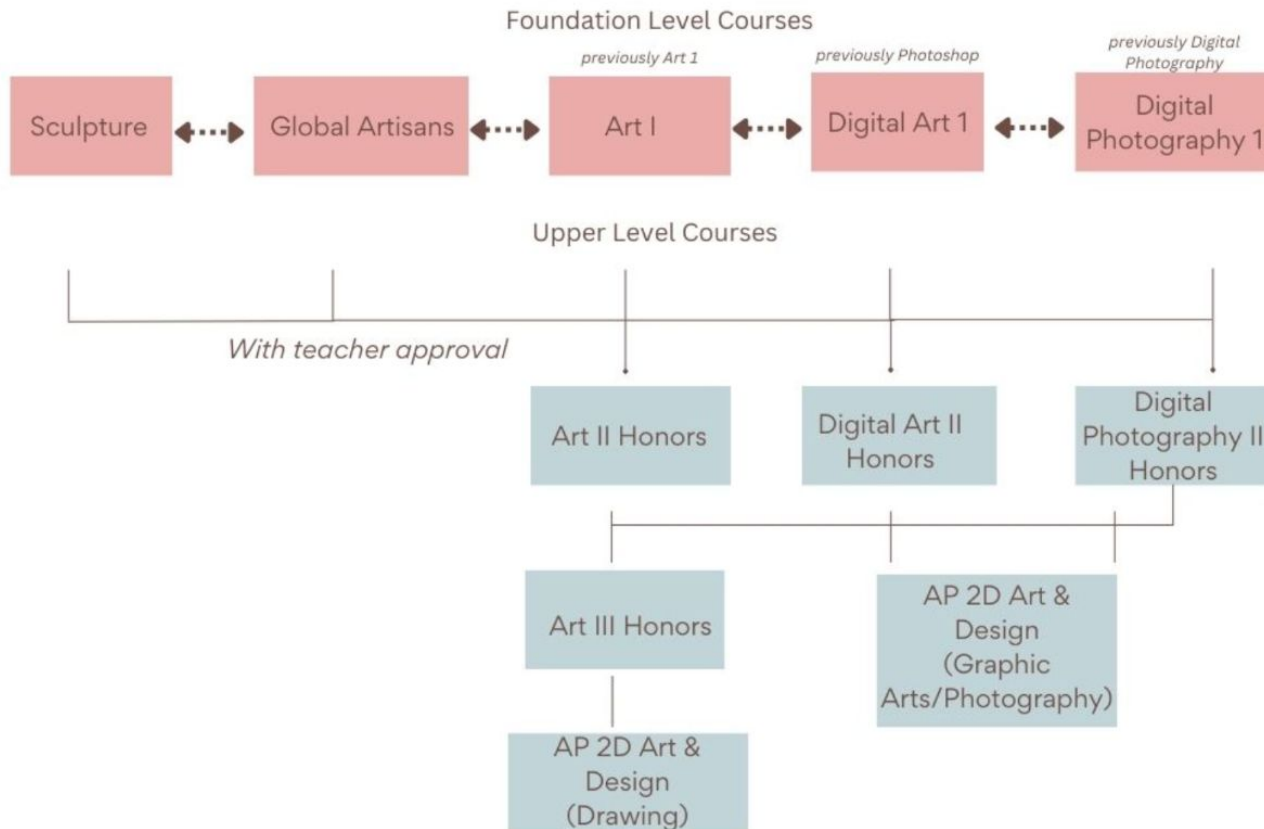
BHS Related Arts Department

**These courses meet the Visual & Performing Arts Requirements:
(Total of 1 year required)**

Art I (semester)	Chorale
Art II (H)	Madrigals (H)*
Art III (H)	Orchestra/ Orchestra (H)
3-D Sculpture and Ceramics	Concert Band
Global Artisans	Jazz Ensemble (H) *
Digital Photography I (semester)	Music Theory and Musicianship I and II (semester)
Digital Photography II H	Music Technology I and II(semester)
Digital Arts I (semester)	Music Exploration (semester)
Digital Arts II H	Theatre Arts I (semester)
AP Studio Art 2-D	Theatre Arts II (semester)
Choral Foundations: Upper/ Lower Voices	Acting Troupe

BHS Related Arts Department

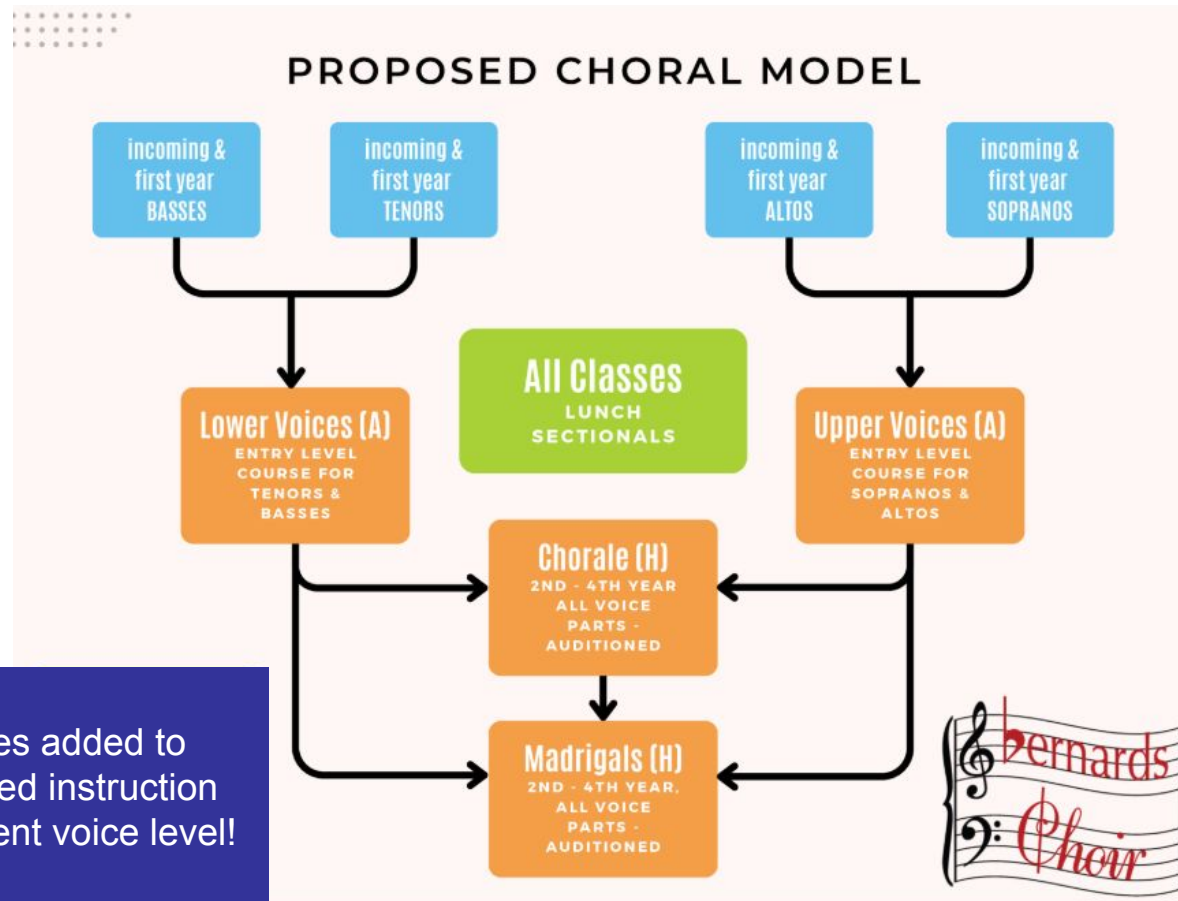
New Electives & Art Sequencing Running This Year



2 foundation level Visual Arts courses (1/2 year courses) or 1 upper level (Full year courses) fulfill art requirement

BHS Related Arts Department

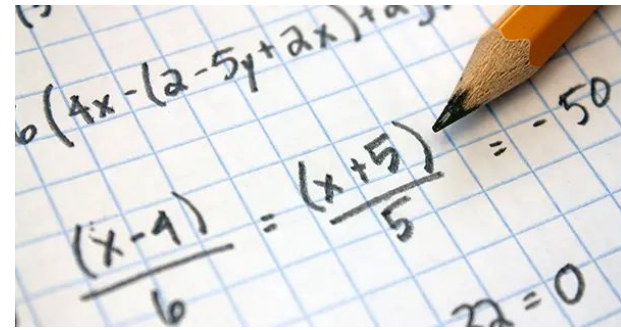
New Choral Sequencing for 2025-2026



New Courses added to provide focused instruction based on student voice level!

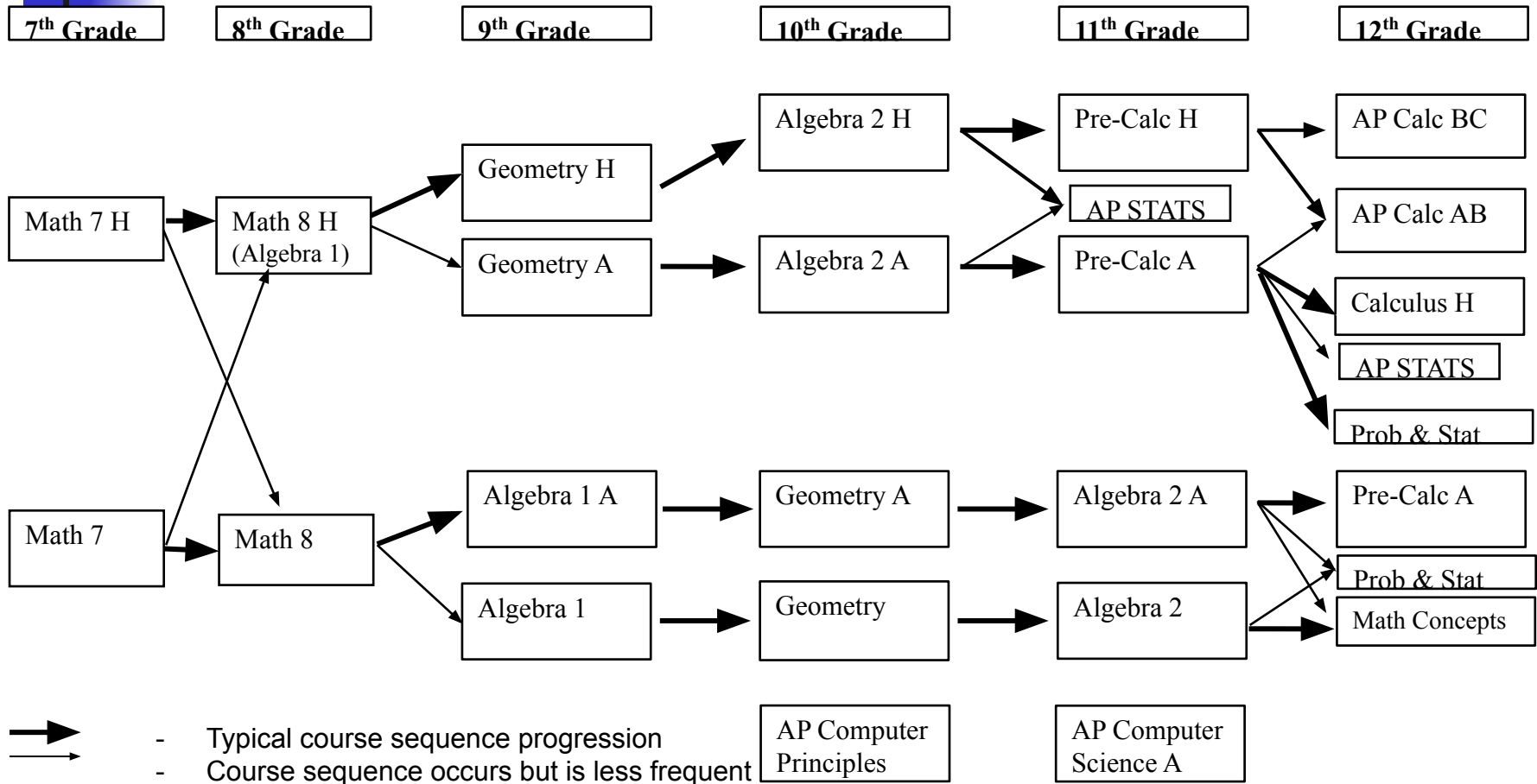


BHS Math Department



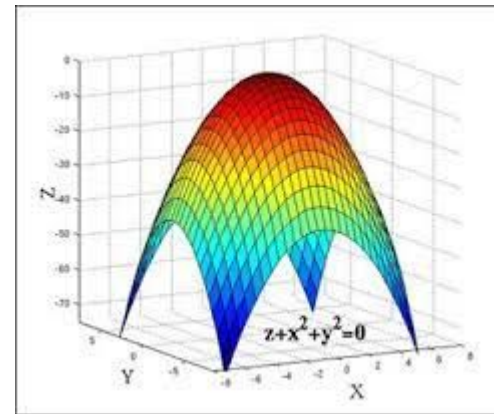
- New Jersey State Minimum Graduation Requirements:
15 credits in Mathematics
- Offer four year course sequence for all learners
 - Algebra 1 → Geometry → Algebra II → Beyond
- Several electives offered
- Courses focus on developing conceptual mathematical understanding, critical thinking, and problem solving.
- Courses are aligned to the New Jersey Student Learning Standards

BHS Math Department - typical* progression



BHS Math Department - new elective 2023-24

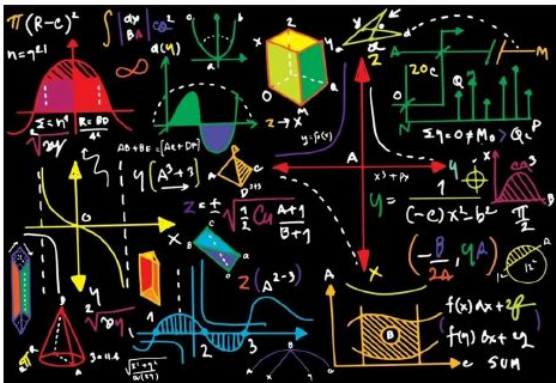
Multivariable Calculus



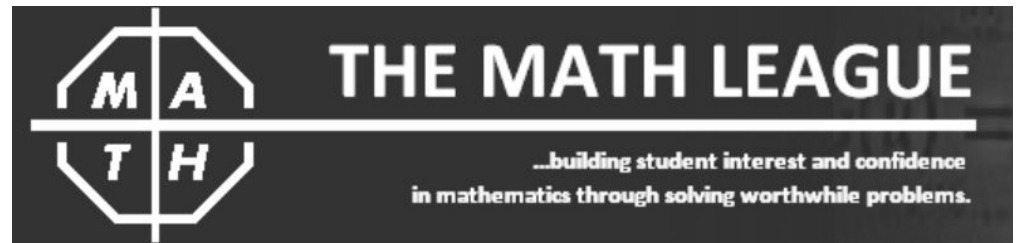
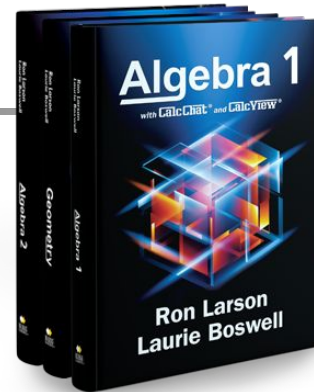
Multivariable Calculus (H) is a rigorous course that builds on the skills and concepts students learned in AP Calculus BC. It is equivalent to a third semester of college-level calculus. The subject matter of this class is the foundation of higher level college courses in mathematics, physics, chemistry, economics, computer science, engineering, and life sciences.

BHS Math Department

MATH LAB



Get help for any class
Tuesdays,
Wednesdays,
Thursdays
3:00pm – 4:00pm
BHS Media Center



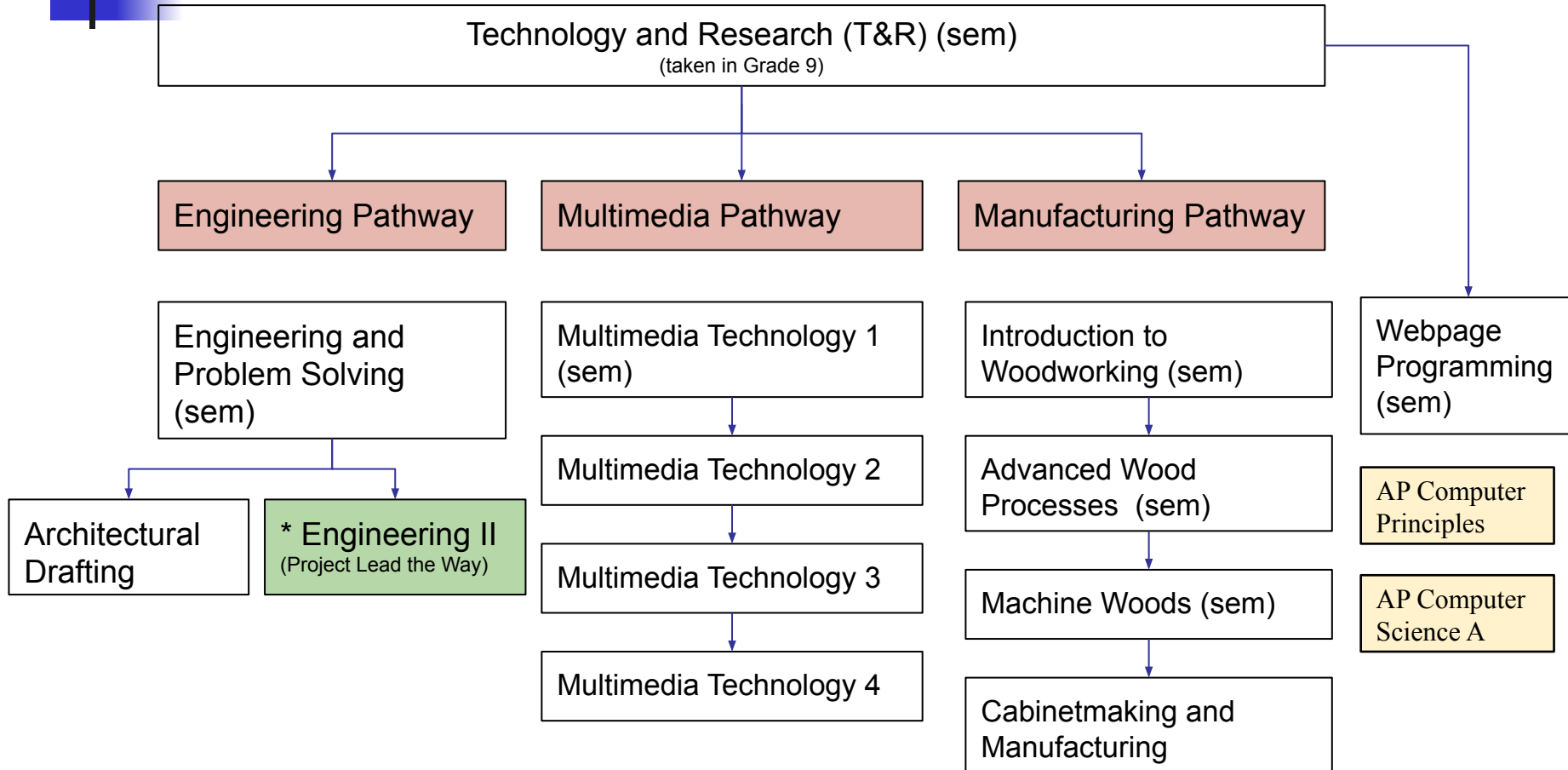
American Mathematics
Competitions
AMC 10/12

BHS Design and Technology Department



- The Design and Technology courses are specifically intended to prepare students to think critically and creatively
- Curriculum designed around Engineering Design and problem solving skills
- Courses aligned with the Technology New Jersey Student Learning Standards
- Focused on development of 21st Century Learners
- Pathways suited to meet student's interest (Engineering, Woodworking, Multimedia)

Design and Technology Grades 9-12 Course Sequence

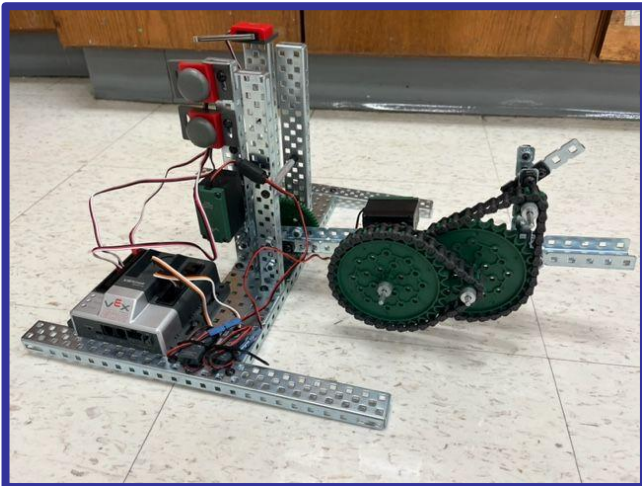


* New: Engineering II Honors

Student Projects



Tech /
robots



T&R LED
projects



Woodworking Projects

BHS Science Department



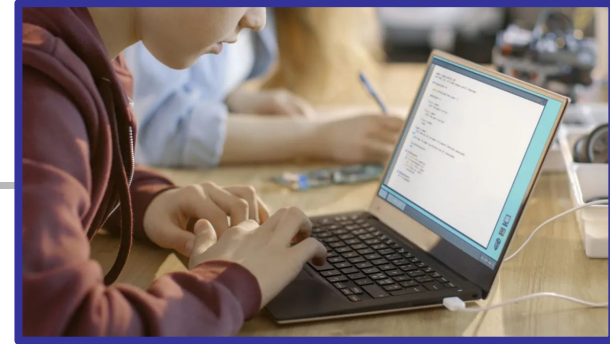
- NJ State minimum graduation requirements: 15 credits in Science
- The 2020 New Jersey Student Learning Standards for Science (NJSLS-S) describe the expectations for what students should know and be able to do as well as promote three-dimensional science instruction (Disciplinary Core Ideas and Performance Expectation, Science and Engineering Practices, and Crosscutting Concepts) across the three science domains (i.e., Physical sciences, Life science, Earth and Space sciences).
- Intent and Spirit: From the earliest grades, the expectation is that students will engage in learning experiences that enable them to investigate phenomena, design solutions to problems, make sense of evidence to construct arguments, and critique and discuss those arguments.

BHS Science Department



Grade 9	Grade 10	Grade 11	Grade 12
Biology	Chemistry	Physics Environmental Science (A)	Environmental Science (A) Anatomy for Life
Biology (A)	Chemistry (A)	Physics Physics (A) Physics (H) Environmental Science (A) Anatomy & Physiology (A)	Environmental Science (A) Anatomy & Physiology (A)
Biology (H)	Chemistry (H)	Physics (H) AP Physics 1 AP Biology AP Chemistry AP Environmental Science Anatomy & Physiology (H)	AP Biology AP Chemistry AP Physics 2 AP Physics C AP Environmental Science Anatomy & Physiology (H)

State Testing Spring 2025: NJGPA and NJSLA



- March 11-12 (NJGPA ELA and Math, Grade 11)
- May 19-20 (NJSLA ELA and Math Grade 9, Science Grade 11)
- Testing time: Two 90-min units
 - NJGPA ELA Grade 11
 - NJGPA Math Grade 11
 - NJSLA ELA Grade 9
 - NJSLA Math (HS Algebra 1/Algebra 2 Grade 9/Geometry Grade 9)
- Testing time: Four 60-min units
 - NJSLA Science Grade 11



Contact Information

Dr. Coleen Butler- Assistant Superintendent

(908) 204-1930 X 1314 cbutler@shsd.org

Dr. Brian Brotschul - Superintendent

(908) 204-1930 X 1311 bbrotschul@shsd.org

Michael Catelli- Director of Academic Support, Enrichment, and Multilingual Ed

(908) 204-1930 X 2138 mcatelli@shsd.org

Dr. Olga Edgerton - Supervisor of Math, Science and Technology K-12

(908) 204-1930 X 1121 oedgerton@shsd.org

Lindsay Barna- Supervisor of Language Arts Literacy, Media, Music and Art K-12

(908) 204-1930 X 3469 lbarna@shsd.org