BARRINGTON HIGH SCHOOL

220 Lincoln Avenue
Barrington, RI 02806
Michael B. Messore, III, 
Superintendent of Schools
Barrington Public Schools

Michael Messore has 30 years of experience in education and 20 of those years in the Barrington School System. Mr. Messore started his career in Barrington as an Assistant Principal at the Middle School and became Superintendent of Schools in 2012.

Dr. Paula Dillon, Ed.D.
Assistant Superintendent of Curriculum and Instruction

Dr. Dillon has a combined 27 years in the field of education ranging from teaching special education at the high school level to adjunct professor at the college level. Dr. Dillon has spent the last 12 years as an administrator, 9 of those years here in Barrington.
Mr. Edward Daft
Assistant Principal
Barrington High School

Edward Daft has 29 years in of experience in education in Rhode Island. Over the past 20 years he has been an administrator in different capacities. For the past 8 years to present, Ed has been the Assistant Principal at BHS.

Mrs. Nicole Varone
Assistant Principal
Barrington High School

Nicole Varone has 16 + years of experience in education. All of Mrs. Varone’s years in education have been here at BHS with 6 as a Social Studies teacher and the last 11 years as an Assistant Principal.

Mr. Joseph Hurley
Principal
Barrington High School

Joseph Hurley has 40 years of experience in education and 19 of those years are in Massachusetts. Mr. Hurley started in RI as an Assistant Principal in 1999 and became Principal at BHS in 2009.
Barrington High School Profile

Barrington High Counseling Department
Toni Corry, Director of School Counseling
Dawn Cacchillo, School Counselor
Stefanie Mezzanotte, School Counselor
Jennifer Ruhle, School Counselor
Samantha Stebenne, School Counselor
Brenda Lamanna, Administrative Assistant
401-247-3154

Community Information:
Barrington is a suburban, residential community with a population of 16,310 and is located within 10 miles of Providence. Residents are mainly business and professional families.

Curriculum:
Barrington High School offers approximately 163 courses. The curriculum includes a broad range of courses in Art, Business Education, Computer Science, Family and Consumer Science, Music, Technology Education, and Theatre as well as elective courses in all of the basic academic areas. Reading and Special Education programs are available. Early admission to college, concurrent enrollment, independent study, and attendance at the regional vocational school are available to students.

Graduation Requirements
The Rhode Island Department of Education has developed a Diploma System that affects all public high school students. Barrington High School students must complete a minimum of 23 academic credits. Along with the successful completion of these credits, students must also demonstrate proficiency in six core academic areas (English, mathematics, science, social studies, technology*, and the arts) through multiple measures including coursework, proficiency tasks, and performance-based diploma assessments that incorporate applied learning skills. To help individual students attain proficiency, an Individual Learning Plan must be created to provide the framework to identify a student’s goals and the pathways used to achieve the necessary skills for success. A student’s ILP is a dynamic process that will be actively used by educators, students, and families to guide and monitor student progress along individual pathways toward proficiency for graduation and post-secondary work or schooling.

School:
Enrollment: 1144 Students in grades 9-12
Average class size: 21
Accreditation: New England Association of Schools and Colleges
Faculty: 101, the majority of whom hold a Master’s Degree
Student-Staff Ratio: 14 to 1
CEEB Code: 400000

Grading System:

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Career and Technical Education
(Certification Pathways)
Barrington Public Schools CTE Pathways

- Unlike Barrington High School Experiential Pathways that are not part of the CTE program, the CTE pathways result in an industry-recognized certification through an assessment

Pathways Enrollment Criteria

- Entering Freshmen may declare a CTE Pathway
  *(Fall Semester Sophomores only may declare an Experiential Pathway)*
- Prerequisite for entry into the program includes the successful completion of Algebra 1 prior to enrollment.
- Enrollment in College Preparatory, Honors, or AP Course of Study
- Strong academic standing in the prior school year
- Documented level of proficient or higher on state math and literacy assessment or other District approved assessment
- Strong record of attendance
- Exemplary conduct record
- Out of District Students must remain enrolled in the program, remain in good standing, and complete all criteria outlined to maintain enrollment at Barrington High School
- All seats are first awarded to Barrington Students after course selection is completed. Remaining seats are eligible for application for Out of District Students

Barrington High School 220 Lincoln Avenue Barrington, RI 02806
# Architecture

## Pathway Courses
- Wood-Working
- Computer-Aided Design
- Fine Arts Elective - Studio Art or Drawing 1 recommended
- EEP Architectural Design

## Work-Based Learning
- 80 hours over 4 years
  - (options include: 50 hours of internship, apprenticeship, service-learning, and industry project)

## Assessment for Certification
- State-approved NOCTI Assessment or SolidWorks Certification

## Core Classes
- 4 Math
  - *(including a minimum of pre-calculus)*
- 4 ELA
- 3 Science
- 3 Social Studies including Economics and Government
3-D Design

Pathway Courses
- Computer-Aided Design
- Graphic Design 1/2
- Fine Arts Elective(s) - Studio Art or Drawing I are recommended. Must take 1 full year credit
- Digital Imaging 1/2

Work-Based Learning
- 80 hours over 4 years
  (options include: 50 hours of internship, apprenticeship, service-learning, and industry project)

Assessment for Certification
- Adobe Certification or SolidWorks Certification

Core Classes
- 4 Math
  *(including a minimum of pre-calculus)*
- 4 ELA
- 3 Science
- 3 Social Studies including Economics and Government
Computer Information Sciences

Pathway Courses
- Python ½ Credit
- APP Inventor ½ Credit
- AP Principles of Computer Sciences
- AP Java
- Computer-Aided Design

Work-Based Learning
- 80 hours over 4 years
  (options include: 50 hours of internship, apprenticeship, service-learning, and industry project)

Assessment for Certification
- AP Principles of Computer Science - Required
- AP Java - Required
- SolidWorks certification - optional

Core Classes
- 4 Math
  *(including a minimum of pre-calculus)*
- 4 ELA
- 3 Science
- 3 Social Studies including Economics and Government

Barrington High School 220 Lincoln Avenue Barrington, RI 02806
Pre-Engineering

Pathway Courses
- Computer-Aided Design
- Pre-engineering
- EEP Architectural Design or AP Principles of Computer Sciences
*Drawing I is recommended if EEP Architecture Design is chosen

Work-Based Learning
80 hours over 4 years
(options include: 50 hours of internship, apprenticeship, service-learning, and industry project)

Assessment for Certification
SolidWorks Certification

Core Classes
- 4 Math
  *including a minimum of pre-calculus*
- 4 ELA
- 3 Science including Physics or Chemistry
- 3 Social Studies including Economics and Government
# Television Production

## Pathway Courses
- Introduction to Television/Video Production 1/2
- Broadcast Journalism 1/2
- Event Broadcasting 1/2
- Film Studies 1/2
- *Two of the following:*
  - Graphic Design
  - Journalism
  - Acting for Film and Television
  - Creative Writing
  - Digital Imaging
  - Public Speaking or International Studies

## Core Classes
- 4 Math *(including a minimum of pre-calculus)*
- 4 ELA
- 3 Science
- 3 Social Studies including Economics and Government

## Work-Based Learning
- 80 hours over 4 years
  - (options include: 50 hours of internship, apprenticeship, service-learning, and industry project)

## Assessment for Certification
- State-approved NOCTI Assessment
Experiential Pathways
Experiential Pathway

Students are eligible to earn an Experiential Pathway Endorsement if they have successfully completed three components:

- Academic study (courses beyond core)
- Career and interest engagement (ex. internship/externship)
- Application of skills (ex. Senior Project)

The criteria to fulfill each of the three components are outlined in the program of studies commencing with the Class of 2021.

Students are also eligible to propose an individual Pathway to the PBGR team for approval.

What are the Components of a Pathway?

Can My Child Earn a Traditional Diploma?

Yes, students who prefer not to engage in the Pathways and/or Seal of Bilingual Literacy, outlined previously can work toward a traditional diploma by:

- Demonstrating proficiency through common tasks and assessments, or portfolio as outlined by their courses
- Completing 23 course credits
- Participating on state assessments (PSAT and SAT)
- Proficiency on their Senior Project
- Completing an Individual Learning Plan (ILP) in Richer Picture
Business Pathway

Core Pathway Courses
- Personal Finance 1 or 2
- Accounting 1
- Business Law

Must Select 1 Beyond Core
- Sports Marketing
- Personal Finance 1
- Personal Finance 2
- Public Speaking
- Fashion Merchandising

Experience
- 30 hour field experience in a Business related field or 30 hours with the FBLA organization

Overview

THE FINANCE PATHWAY offers students knowledge and experience in a variety financial fields, including accounting, banking, marketing, and investing. Students will develop a strong background in developing their own personal financial strategies, as well as insight into how to help others manage their finances. The foundation of knowledge gained through the Finance Pathway will help prepare students for further post-secondary education in the field and/or help to manage their personal finances upon entering post-secondary job market.
Business Pathway

Entrepreneurship

Core Pathway Courses

Entrepreneurship
Sports Marketing
Accounting 1 or Business Law

Must Select 1 Beyond Core

Personal Finance 1
Personal Finance 2
Business Law
Accounting 1
Public Speaking
Fashion Merchandising

Experience

30 hour field experience in a Business related field or 30 hours with the FBLA organization

Overview

THE ENTREPRENEURSHIP PATHWAY blends the “numbers” side of business and the “creative” side of business via, Accounting and Marketing. The Accounting course will allow students to learn the fundamentals of accounting using a sole proprietorship as a basis for study and will develop an understanding of business transactions, preparing financial statements, and interpreting financial statements as part of the management decision-making process. Marketing helps to drive this pathway and covers advertising, distribution, product development, sales promotion, and the marketing process. Both areas of study come together through the Entrepreneurship course as all aspects will now be applied.

Barrington High School 220 Lincoln Avenue Barrington, RI 02806
THE MARKETING PATHWAY will get exposure into the business world related to both small and big business. In the field of marketing, the consumer is the primary focus, therefore, understanding the target market is vital part in operating a successful business. This pathway focuses on marketing from different perspectives with the same end goal, the consumer. The courses and field work will allow advanced application to take place both in the classroom and in the workplace environment.
THE ROBOTICS PATHWAY is for students who are interested in participating in building a robot that will compete in the FIRST Tech Challenge competition, held every year. Students in this pathway will participate in the design process (either of the mechanics of the robot or of programming the robot), the execution of the design, and in documenting work done on the robot in the Engineering Notebook. Students who select this pathway must be willing to meet with the Robotics Team(s) after school at least two afternoons per week during the fall and winter, and must participate in at least one competition (which are held on specified Saturdays during the winter). Students who pursue this pathway must be self-motivated, disciplined and develop or have strong collaborative skills.
STEM Pathway

Core Pathway Courses

Math Requirements

Must Select 3 Beyond Core

AP Computer Science A - JAVA
Python
APP Inventor
Any other approved course taken outside of BHS (i.e. Advanced Course Network)

Overview

THE CODING PATHWAY is for students interested in enhancing their knowledge of computer science. Students electing this pathway will gain valuable coding skills as they learn a variety of programming languages. At the completion of this pathway, students will acquire a strong understanding of the skills necessary to pursue a career in computer programming.

Experience

Students must participate in an activity that incorporates aspects of computer science. Opportunities include but are not limited to working at a business, performing research at a college, managing aspects of a computer network for an organization, participating on a robotics team, or working with a mentor to create an APP.
## STEM Pathway

### Core Pathway Courses
- Biology
- Chemistry
- Third Year of science

### Must Select 3 Beyond Core
- Statistics
- Flinn Scientific safety course (online)

### Experience
- Keep a journal and a time log of work completed (20 hours)
- Complete the Flinn training (10 hours)
- Time log must be signed by supervising teacher
- Student must provide evidence of work completed for the year (*Application of learning* *ie. actual lab work*)

## Laboratory Technician

### Overview

**THE LABORATORY TECHNICIAN PATHWAY** is for the detail-oriented student who is interested in furthering his or her skills in the science laboratory. The student will work with a supervising teacher to set up, break down, and/or facilitate execution of labs within the science department. Student will gain skills in lab safety and protocol and will gain a broad understanding of various lab activities across the science disciplines.
THE SCIENCE RESEARCH PATHWAY is for students who are interested in pursuing independent science work that involves the science process. Students will be fully involved in finding a mentor who works in a given research area, planning their experiment, collecting data and reporting research to a general audience. Students who select this pathway must be willing to generate a literature review based on their research. Students who pursue this pathway must be self-motivated, disciplined and develop or have strong collaborative skills.
THE GOVERNMENT AND CITIZENSHIP PATHWAY will give students the opportunity to participate, examine, interpret, and be active in government at the federal, state, and/or local level. This program is structured so that the student can explore and design an experience in government and citizenship that allows the student to investigate the inner workings of different aspects of our government in order to fully participate as an American citizen. The pathway also allows students to build a foundation in this area that can continue throughout their college and career processes.
Arts Pathway

Music Teaching

1 Core Pathway Course
- Music Theory
- Electronic Music
- Audio Production
- Drumming Class
- Music History
- Intro to Music

Overview

THE MUSIC TEACHING PATHWAY will give students the opportunity to create, perform, respond and connect to music as indicated in the National Music Standards. The program is structured so a student can raise to higher levels of creating responding, performing and connecting throughout their high school career while also preparing for a career in teaching music. Students on the Music Teaching Pathway have many career choices open to them if they choose to continue their study of music in college.

Experience

30 hours experience in the following opportunities include but not limited to: High School Music Directors Mentorship, Community Service Projects, Co-teaching Projects, Small Group Ensembles, Musical Theater Assistance, Mentoring at lower grades, Private study with recital, Internships, Unified Theater

Must Select 1 Beyond Core
- Concert Band
- Jazz Band
- Concert Choir
- Choral Ensemble

Must Select 1 Beyond Music
- Psychology
- World Language
- Art History
- Anatomy and Physiology
- Advanced Course Network related specifically to education
Arts Pathway

Core Pathway Course
- Language and Literature
- American Literature or American Studies
- British Literature or AP Language and Composition
- World Literature or AP Literature and Composition
- Creative Writing
- Playwriting

Must Select 1 Beyond Core
- Young Adult Literature
- Zombies, Aliens, and Plagues: Post-Apocalyptic Literature and Culture
- Gender Games: A Study of the Role of Gender Through Literature

Creative Writing

Overview
Students in THE CREATIVE WRITING PATHWAY will be given the opportunity to explore writing in a genre of their choice in the effort to practice their craft and gain readiness for collegiate study in writing, as well as opportunities in publication. In addition to completing necessary academic courses aligned with this pathway, students will also gain meaningful experience working with a mentor in their chosen genre. As part of this experience, students will be expected to propose a project, writing a significant and relevant body of original writing, and conduct critiquing and workshops of relevant body of work with advisors or other students in the Creative Writing Pathway. Finally, students will complete an application project, where they will submit a body of work presented for publication and copyright.

Experience
- Students interested in writing a novel, short fiction, creative nonfiction, or poetry may choose a Genre Application Project with Ms. Suzanne Pickford (or another member of the English Department per request) or students interested in writing dramatic literature may choose a Playwriting Application Project with Ms. Spaziano.
- As part of those 30 hours, students in the Creative Writing Pathway must:
  - Draft a project proposal
  - Conduct and participate in critiquing workshops of relevant work with advisors and/or other students in the Creative Writing Pathway
  - Collaborate with editors and advisors to develop a significant and relevant body of work. Examples include: 50,000 word novel; 25,000 word collection of short fiction or creative non-fiction; or thirty pages of poetry; a one act play
Arts Pathway

1 Core Pathway Course
Concert Band
Concert Choir
Jazz Ensemble
Choral Ensemble

Must Select 2 Beyond Core
Music Theory
Electronic Music 1
Electronic Music 2
Audio Production
Introduction to Drumming
Music History
History of Popular Music of the 20th century

Must Select 1 Performing Art
Introduction to Theatre
Art History
TV and Video Production

Music Performance

Overview
THE MUSIC PERFORMANCE PATHWAY is aligned with the National Standards and is structured so that a student can participate in as many performance opportunities as possible, while also responding and connecting to the music in order to prepare for a career in Music Performance.

Experience
As part of those 30 hours, students in the Music Performance Pathway must perform as part of a music ensemble activity including but not limited to any of the following:
Woodwind Brass Percussion String Chamber ensemble,
Women’s Men’s A Capella Choir, Jazz Combo, Rock Band, Church Ensemble
Arts Pathway

Core Pathway Courses
Electronic Music
Audio Production

Courses Beyond Core
Electronic Music 2
Independent Study in Music Technology
Perform in an ensemble such as Band, Jazz Ensemble, Chorus, Choral Ensemble etc.
A course in Music Technology at an outside location such as the RI Philharmonic Music School

Music Technology

Overview
THE MUSIC TECHNOLOGY PATHWAY is aligned with the National Standards and is structured so that a student can participate in as many technology opportunities as possible, while also responding and connecting to the music in order to prepare for a career in Music Technology.

Experience
In addition to demonstrating proficiency through academic study, students in the Music Technology Pathway must complete a minimum of 30 hours working with a mentor in their chosen field of study. As part of those 30 hours, students in the Music Technology Pathway may choose to do the following

- Organize a Concert or musical event
- Work as an Audio Engineer for a Musical
- Work with Bay Spring Community Center as an Audio Engineer
- Create an Album of original Electronic Music Compositions
Arts Pathway

**Core Pathway Courses**

- Introduction to Theater
- Acting 1
- Acting for Film and TV OR Playwriting and Screenwriting

**1 Course Beyond Core**

- Acting for Film and TV (in addition to Playwriting and Screenwriting)
- Playwriting and Screenwriting (in addition to Acting for Film and TV)
- Studio Art
- Basic Drawing
- Digital Imaging
- Graphic Design 1
- Printmaking 1
- Audio Production
- Jazz Ensemble
- Concert Band
- Chorus
- Electronic Music
- Choral Ensemble

**Overview**

**THE MUSIC TECHNOLOGY PATHWAY** Students in the Theater Arts Pathway are given the opportunity to explore, appreciate, create and be active in the theater arts. This is program is structured for students to understand the theater as a collaborative act and to develop the skills and command the terminology and techniques used in the theater in order to participate fully as a theater artist. Students will explore the theater from both the onstage and backstage perspectives. The pathway allows for students to build skills that will transfer and be built upon in their post-secondary academic career as well as professional employment in the theatrical arts.

**Experience**

In addition to demonstrating proficiency through academic study, students in the Theater Pathway must complete a minimum of 30 hours working with a mentor in their chosen field of study. Students can*:

- Write a play to be performed for the public
- Assistant Direct a production
- Direct a production
- Stage Manage a production
- Create and implement scenic design
- Act in a theatrical production

*Please see Ms. Spaziano for details about experiential learning requirements.
Internship
Barrington High School Internship Program
“Experiencing a world beyond the classroom”

Purpose:
To foster productive partnerships between the local community and Barrington Public Schools while satisfying community needs through collaboration, interaction, 21st century thinking, and creativity.

Credits Earned:
- 50 Hours = .5 Credit
- 100 Hours = 1 Credit
- 200 Hours = 2 Credits

The Internship Program is flexible to meet the needs of all our students. Students may choose to complete their internship during school hours or during their own time (after school, during breaks, and during the summer).

What we do:
The Barrington High School Internship Program offers students the unique opportunity to explore a career field of interest and to gain valuable, real-world work experience while earning academic credit. Participating in the Internship Program allows students to:
- Experience a prospective career path before committing to years of preparation
- Receive academic credit
- Apply the knowledge and skills learned in the classroom
- Experience the standards and expectations of the working world
- Evaluate their employment skills and needs
- Gain a competitive edge for college and workplace applications
- Network with professionals in the field

*Visit [www.bhscommunityboard.com](http://www.bhscommunityboard.com) for access to the Internship application
Barrington High School Internship Program

Internal Internships vs. External Internships:

Internal Internship Opportunities:

Students have 3 opportunities within Barrington High School to complete an internship.

1. iCreate Lab Student Leader
   a. The iCreate Lab is a student-led makerspace staffed with student mentor/tutors each period throughout the day. Student mentors also train and tutor the middle school student leaders in their makerspace.

2. STAT
   a. The Student Technology Assistance Team led the charge for BPS to enforce a 1:1 district wide chromebook program. The student leaders assist the technology department with all chromebook needs and work with the middle school as they have rolled out STAT Junior.

3. Sunrise Morning Show
   a. Sunrise is the student-led live daily morning show streaming on the Eagle News Network. The show is anchored and produced by BHS students in the BHS TV studio.
Barrington High School Internship Program

Internal Internships vs. External Internships:

External Internship Opportunities:

Students have many opportunities within the Barrington community and around the state. Students in the past have had the opportunities to intern in various industries such as:

- Medical
- Legal
- Business
- Culinary
- Marine
- Engineering
- Non-Profit
- Research
- Computer Science
- Media
- Journalism
- and many more
Contact Us:

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