Welcome to North Reading High School's Open House for Middle School Students and Parents January 10, 2024

Named to *Boston Magazine's 2023* "Top High Schools in Massachusetts"

High School Administrative Team

Anthony Loprete

Principal

BarriAnn Alonzo

Assistant Principal


Our Core Values:
Lifelong Learning
Leadership through Service
Citizenship

Our Learning Spaces:

Technology-infused classrooms designed to support of our learning environment:

- 1:1 school
- Wireless access
- Collaboration spaces


Media Center


Fitness Center

Gymnasium

Music Room

Distance Learning Lab

Agenda

- Academic Program
- The Daily Schedule at North Reading High School
- Standardized Test Data
- “A Contemporary Curriculum”
- Educational Support Programs
- Current Class Size Data
- Guidance Department Services
- Extra-Curricular and Athletic Programs

Academic Program

- 28 credits required for Graduation

English	4 credits
Mathematics	4 credits
Science	4 credits
Social Studies	4 credits
World Languages	2 credits
Fine Arts and/or Digital Learning and Entrepreneurship	3 credits*
Health/Physical Education	2 credits**
Electives	5 credits
Total	28 credits

* requirement of three credits earned between the Fine Arts and Digital Learning and Entrepreneurship departments with at least one credit in each department

** the class of 2017 and subsequent classes will have an additional Physical Education requirement to be met in the junior and senior years

Course Distribution for Freshmen

- English 9
- Algebra I/Geometry; *Mass. Curric. Framework*
- Biology (MCAS Administered); *Mass. Curric. Framework*
- United States History I
- World Languages
- Health/Physical Education
- Freshmen Seminar
- Elective
  - Fine Arts
  - Digital Learning and Entrepreneurship
  - Technology

Course Distribution for Sophomores

- English 10 (MCAS Administered)
- Geometry/Algebra II *Mass. Curric. Framework* (MCAS Administered)
- Chemistry or Physical Science
- United States History II
- World Languages
- Health/Physical Education
- Electives (2)

English: Creative Writing or Communications
Digital Learning and Entrepreneurship
Technology
Fine Arts

<u>Advanced Placement Courses (1)</u>

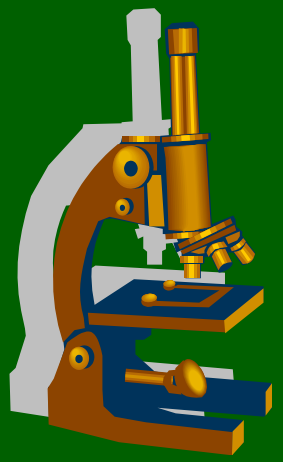
- Environmental Science
- Computer Principles
- United States History

Course Distribution for Juniors

- American Literature or Advanced Placement English Language and Composition
- Math
- Science
- Modern World History
- Electives (4)

- English
- Math
- Science
- Social Studies
- Physical Education

- World Languages
- Digital Learning and Entrepreneurship
- Technology
- Fine Arts



Course Distribution for Seniors

- Senior English Course (Choose One)
  - AP English Language and Composition
  - AP English Literature and Composition
  - British Literature (H)
  - Modern World Literature (A or H)
  - Journalism
  - Contemporary Dramatic Literature (A or H)
- Math
- Science
- American Civics and Government or Advanced Placement United States Government and Politics
- Electives (4)

- English
- Math
- Science
- Social Studies
- Physical Education
- World Languages
- Technology
- Fine Arts
- Senior Internship
- Digital Learning and Entrepreneurship

The Block Schedule
Green Day/Gold Day

Block A/E	8:30 -9:48
Block B/F	9:52-11:10
Block C/G	11:14-12:32
Power Block/Lunch (66 minutes)	
Block D/H	1:42-3:00

A Sample Schedule

Block A/E	English 9	Spanish or French
Block B/F	Freshmen Seminar	Physical Ed./ Health Ed.
Block C/G	United States History I	Elective
Block D/H	Biology	Algebra I

Freshmen Seminar

Four, quarter-long modules that rotate throughout the school year:

- Extensions in Mathematics
- Public Speaking/Communications
- Study Skills Development
- Digital Literacy and Google Applications

What is “Power Block” ?

What is “Power Block” ?

Power Block is designed to support students in meeting the academic requirements for their courses.

During Power Block, students may:

- engage in collaborative group work
- attend peer tutoring
- arrange an appointment with their Guidance Counselor
- remain in Power Block to study and/or complete homework
- additional instruction in English and mathematics

Power Block is considered to be part of time on learning.

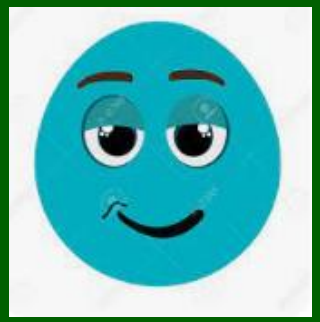
How do we measure “success”?

- Quantitative & Qualitative Assessment Data
- Quantitative & Qualitative Feedback Data
- School profile data
- School Improvement Plan and progress toward goals
- Curricula that has breadth, depth, and relevance
- Internship/Coop opportunities
- Student well-being

Individual Student Success

Course selection
Clubs & Activities
Challenges/healthy risk-taking
Striving for growth not chasing perfection

Targeting the "stretch zone"



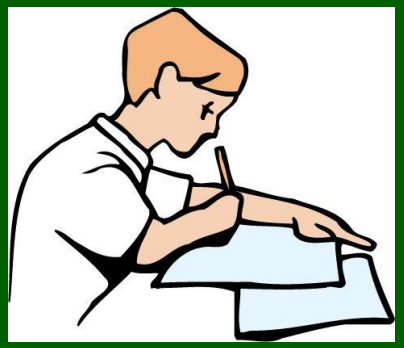
Comfort Zone

Stretch Zone

Panic Zone

MCAS Scores: English Language Arts

2023 Next Gen. MCAS	NRHS	State
Exceeding Expectations	25%	15%
Meeting Expectations	58%	43%
Partially Meeting Expectations	15%	30%
Not Meeting Expectations	2%	11%



Next Gen. MCAS	2021	2022
Exceeding Expectations	32%	14%
Meeting Expectations	51%	52%
Partially Meeting Expectations	12%	31%
Not Meeting Expectations	5%	3%

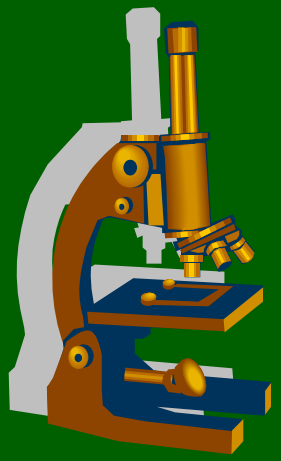
MCAS Scores: Mathematics

2023 Next Gen. MCAS	NRHS	State
Exceeding Expectations	22%	10%
Meeting Expectations	58%	40%
Partially Meeting Expectations	20%	42%
Not Meeting Expectations	1%	9%

Next Gen. MCAS	2021	2022
Exceeding Expectations	20%	23%
Meeting Expectations	49%	45%
Partially Meeting Expectations	26%	30%
Not Meeting Expectations	5%	2%

MCAS Scores: Biology

2023 Next Gen. MCAS	NRHS	State
Exceeding Expectations	30%	11%
Meeting Expectations	47%	36%
Partially Meeting Expectations	22%	42%
Not Meeting Expectations	1%	11%



Next Gen. MCAS	2021	2022
Exceeding Expectations	X	16%
Meeting Expectations	X	48%
Partially Meeting Expectations	X	31%
Not Meeting Expectations	X	5%

SAT Scores

Combined Mean Score					
YEAR	NRHS	*NRHS vs. State*	STATE	*NRHS vs. National*	NATIONAL
2023 135/173; 78%	1136	+2.1%	1112	+10.5%	1028
2022 135/161; 84%	1134	+.4%	1129	+8%	1050
2021	1176	-.6%	1184	+9.8%	1060
2020	1125	+.5%	1119	+7.0%	1051

SAT Scores

Evidence-Based Reading and Writing					
YEAR	NRHS	*NRHS vs. State*	STATE	*NRHS vs. National*	NATIONAL
2023	567	+1.25%	560	+9.03%	520
2022	571	+.7%	567	+7.1%	529
2021	587	-.6%	591	+9.1%	533

Mathematics					
YEAR	NRHS	*NRHS vs. State*	STATE	*NRHS vs. National*	NATIONAL
2023	569	+3.26%	551	+12%	508
2022	564	+.5%	561	+8.2%	521
2021	564	+.5%	561	+8.2%	521

National Merit Scholars

Commended Students	
2024	Bhagyavi Bandara; Stella DaSilva; Aiden Patel
2023	Jonathan Park; semi-finalist
2022	Adam Bakr; Wesley Fisher; Shivani Srikanth; Nicole Steinmeyer
2021	Anna Balin; Shea Hanson; Margaret Regan; Leyla Rzakhanov; Alec Seeman; Justin Wildman
2020	Samantha Galvin; Griffin May

Merit Finalists **& Scholars***	
2020	**Mary Regan***
2018	**Caitlyn Galvin***
2017	Andrew Shedd & **Joanna Keaton***

Advanced Placement Courses:

2D Art and Design Portfolio
Biology
Calculus AB
Calculus BC
Chemistry
Computer Principles
Computer Programming
English Lang. and Composition
English Literature
Environmental Science
French
U. S. Gov. and Politics
Music Theory
Physics
Psychology
Spanish
Statistics
United States History
World History

Advanced Placement Courses:

Advanced Placement Course Offerings			
Grade	**Column A (3)**	**Column B (8)**	**Column C (8)**
Grade 10: may choose 1 from Column A	•U. S. History •Environmental Science •Computer Principles	•Biology •Chemistry •English Language •Mod. World History •Statistics •Music Theory •Computer Programming •2D Art and Design Portfolio	•Physics •Spanish •French •U.S. Government •Psychology •English Literature •Calculus AB •Calculus BC
Grade 11: may choose up to 4 from Columns A & B			
Grade 12: may choose up to 5 from Columns A & B & C			

Advanced Placement Test Data

2023	2022	2021*	2020*	2019
318 exams administered	325 exams administered	291/310 (86%) exams administered	303/352 (86%) exams administered	416 exams administered
% Receiving Score of 3 or Better; Silver Medalist				
81%	77%	79%	78%	67%

Advanced Placement Honor Roll: 2013 – 2016, 2018
for expanding opportunity and improving performance of AP students

Increase in # of overall exams given
with increase in qualifying scores

Advanced Placement Student Achievement

In 2023, 64 students were recognized by the College Board as A.P. Scholars, A.P. Scholars with Honor, A.P. Scholars with Distinction or National A.P. Scholars. (57 in 2022)

The award is for demonstrating college-level achievement through Advanced Placement courses and exams.

At a minimum, a student must earn a score of “three” or better on three A.P. exams to be recognized as an A.P. Scholar.

New Courses in 2024-2025

Ceramics II: (A)

New Courses in 2023-2024

Literature & the Human Experience: (A)

2D Art and Design Portfolio: (AP)

New Courses in 2022-2023

Spanish in Career and Community: (A)

Advanced Technical and Design Production: (H)

New Courses in 2020-2021

Contemporary Hispanic Culture and Traditions

Advanced Algebra with Financial Applications

Advanced Placement Computer Science Principles

Course Levels & Expectations:

- Academic Level; College Preparation
- Honors Level
- Advanced Placement Level

- Standard expectations
- Honors level expectations
- Advanced Placement level expectations

Course Level Expectations :

- Standard expectations
- Honors level expectations
- Advanced Placement level expectations

The following information is designed for parents and students in selecting appropriate course levels. Please note that these expectations are intended to provide clear examples of general course level guidelines. Additional expectations of students may be required by individual teachers. **Student expectations as identified in this table serve to work in coordination with the 21st century learning expectations as outlined in North Reading High School's statement of Core Values and Beliefs.*

Standard expectations for all students:
Student is organized and prepared for class with proper materials and all necessary assignments.
Student is able to read, comprehend, and interpret material that is at or near grade level.
Student's writing is generally organized and focused; student is able to write essays of varying length; the writing also exhibits an appropriate knowledge of grammar, mechanics, and vocabulary.
Student exhibits problem solving skills in order to pursue the answer to a challenging idea even when the solution is not obvious on first try.
Student is an active member and self-advocate within the classroom community.

In addition to Standard expectations for all students, Honors level course expectations are:

Student takes an active role in class discussions on a daily basis.

Student possesses motivation and work-ethic to be in a high-level class and manage a demanding workload both in and out of class.

Student demonstrates a high level of critical thought in order to analyze and interpret complex texts and problems

Student is able to demonstrate the ability to be an independent reader, thinker, and conduct independent research.

In addition to expectations for all Honors level courses; Advanced Placement level course expectations are:
Student possesses the intellectual curiosity and self-motivation to be in a highly rigorous, college-level class.
Student has the ability to handle multiple assignments at the same time.
Student possesses and demonstrates a thorough understanding of content from pre-requisite courses and is able to manage a demanding work load both in and out of class.
Student completes summer assignments prior to the start of the course.

Educational Support Programs

- Student Leadership Academy and Mentoring (SLAM)
- Power Block
- Freshmen Advisory Program
- National Honor Society “Peer Tutoring”
- PlusPortals; our on-line gradebook platform
- Naviance Student Program
- MCAS prep support

Average Class Sizes 2023-2024

Course	Grade 9	Grades 10-12
English	15	18
Math	17	18
Science	16	19
History & Social Studies	17	19

Freshmen Guidance Services

Four Guidance Counselors

- Student Support Services
- Spring Presentation to Eighth Graders
- Transition Seminars with Students
- Students' Selection of Courses

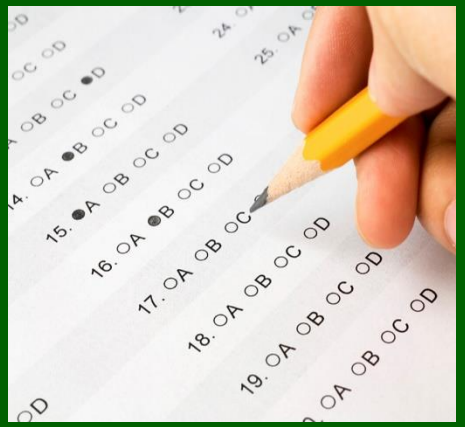
General Guidance Services

- Academic Services
  - Monitor Students' Academic Status
  - Selection of Courses
  - Facilitate Tutoring Services
  - Enrichment Programs
- Social/Emotional Support Services
  - Two School Psychologists
  - 2 School Adjustment Counselors
  - Open-Door Policy
  - Integration of Student Support Services

General Guidance Services

- College and Career Services
  - Support students' postsecondary planning

- Supporting Students
  - PSAT (grades 10 and 11)
  - SAT (grades 11 and 12)
  - Advanced Placement Testing
  - MCAS
    - ➢ Science/Biology (grade 9)
    - ➢ English Language Arts (grade 10)
    - ➢ Mathematics (grade 10)



Be involved in your school.

Help make it the school you call home.

Please welcome:

Mr. Wesley Fisher, Class of 2022