

Welcome to North Reading High School's
Virtual Open House for
Middle School Students and Parents
January 12, 2022

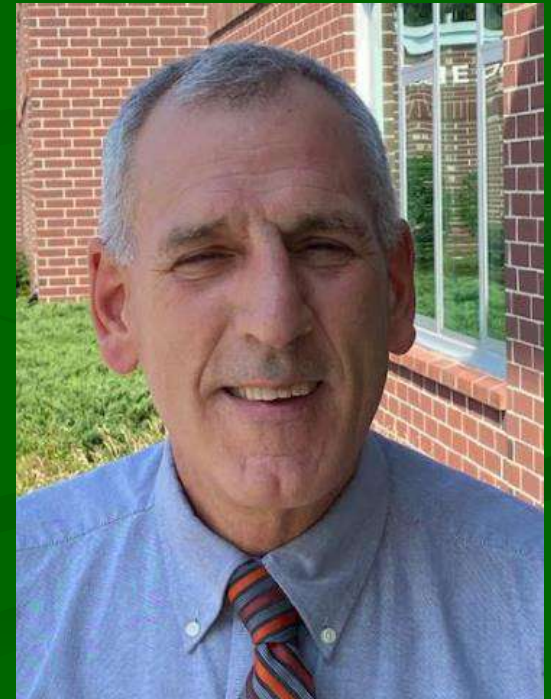


Named to *Boston Magazine's 2021*
"Top High Schools in Massachusetts"

High School Administrative Team



Anthony Loprete
Principal



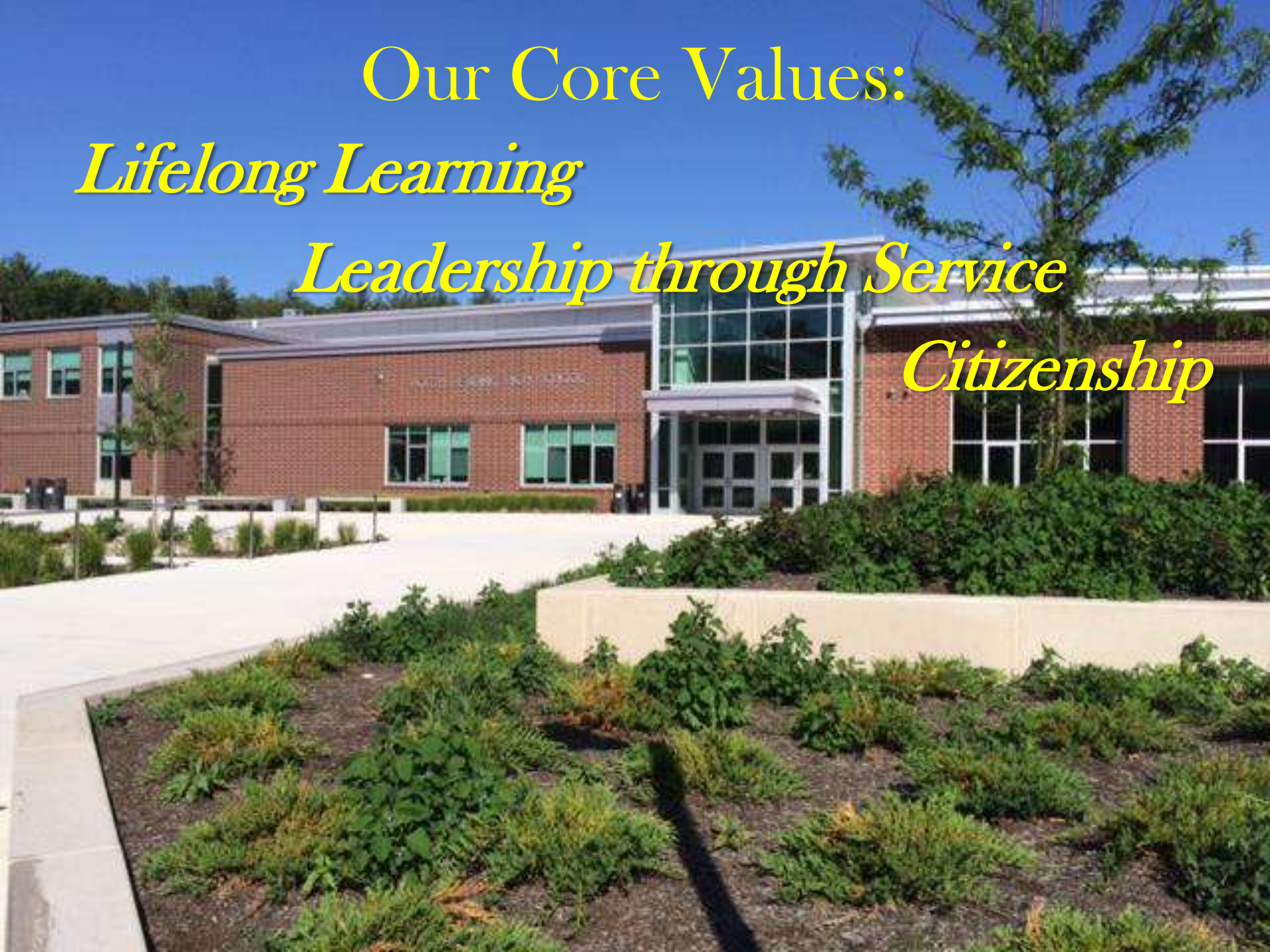
Joe Hehn
Assistant Principal

Our Core Values:

Lifelong Learning

Leadership through Service

Citizenship



Our Learning Spaces:



Technology-infused classrooms designed to continue the support of our 1:1 learning environment:

- Eno Board
- 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

Advanced Placement Courses (1)

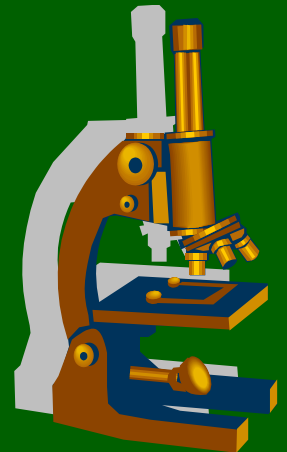
- Environmental Science
- Computer Principles
- United States History

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



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, term-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.

MCAS Scores: English Language Arts

<u>2021 Next Gen. MCAS</u>	<u>NRHS</u>	<u>State</u>
Exceeding Expectations	32%	19%
Meeting Expectations	51%	45%
Partially Meeting Expectations	12%	27%
Not Meeting Expectations	5%	9%



	<u>2018*</u>	<u>2019</u>
Advanced	58%	22%
Proficient	41%	57%
Needs Improvement	1%	21%
Failing	0%	1%

MCAS Scores: Mathematics

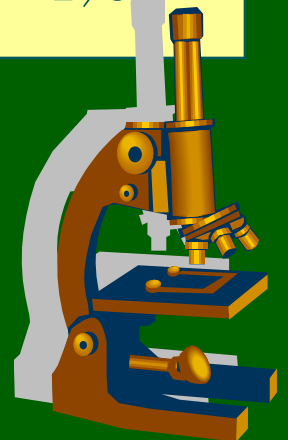
<u>2021 Next Gen. MCAS</u>	<u>NRHS</u>	<u>State</u>
Exceeding Expectations	20%	11%
Meeting Expectations	49%	41%
Partially Meeting Expectations	26%	36%
Not Meeting Expectations	5%	12%

	<u>2018*</u>	<u>2019</u>
Advanced	61%	24%
Proficient	26%	51%
Needs Improvement	11%	23%
Failing	1%	2%



MCAS Scores: Biology

	<u>2018</u>	<u>2019</u>	<u>2021</u>
Advanced	49%	41%	33%
Proficient	40%	49%	45%
Needs Improvement	11%	10%	18%
Failing	1%	1%	4%



SAT Scores



Combined Mean Score					
YEAR	NRHS	<i>NRHS vs. State</i>	STATE	<i>NRHS vs. National</i>	NATIONAL
2021	1176	-.6%	1184	+9.8%	1060
2020	1125	+.5%	1119	+7.0%	1051
2019	1167	+4.1%	1120	+9.3%	1059

SAT Scores



Evidence-Based Reading and Writing

YEAR	NRHS	<i>NRHS vs. State</i>	STATE	<i>NRHS vs. National</i>	NATIONAL
2021	587	-.6%	591	+9.1%	533
2020	567	+1.2%	560	+7.3%	528
2019	579	+3.5%	559	+8.3%	531

Mathematics

YEAR	NRHS	<i>NRHS vs. State</i>	STATE	<i>NRHS vs. National</i>	NATIONAL
2021	589	-.6%	593	+10.3%	528
2020	558	0.0%	559	+6.7%	523
2019	588	+4.6%	561	+10.2%	528

National Merit Scholars



Commended Students

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
2019	Samantha Martel; Michael Tyrrell
2018	Sarah Bustin; Owen DeCleene; Monika Stantcheva; Emma Wall

Merit Finalists & Scholars*

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

Advanced Placement Courses:

English Language and Composition
English Literature and Composition
Calculus AB
Calculus BC
Statistics
U. S. Government and Politics
United States History
World History
Music Theory

Biology
Chemistry
Psychology
Physics
Environmental Science
Spanish
French
Computer Science
Computer Principles

Advanced Placement Courses:

Advanced Placement Course Offerings

Grade	Column A (3)	Column B (7)	Column C (8)
Grade 10: may choose 1 from Column A	<ul style="list-style-type: none"> •U. S. History •Environmental Science •Computer Principles 	<ul style="list-style-type: none"> •Biology •Chemistry •English Language •Mod. World History •Statistics •Music Theory •Computer Programming 	<ul style="list-style-type: none"> •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

2021 *	2020 *	2019	2018	2017
291/339 (86%) exams administered	303/352 (86%) exams administered	416 exams administered	473 exams administered	464 exams administered
% Receiving Score of 3 or Better				
78%	78%	67%	71%	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 2021, 57 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.
(54 in 2020)

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 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

New Course in 2019-2020

Modern World Literature (A and H)

New Course in 2018-2019

Robotics Academy II



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
- ACE English & ACE Math
- MCAS prep support
- SAT preparation course

Average Class Sizes

2021-2022

<u>Course</u>	<u>Grade 9</u>	<u>All Grades</u>
English	18	18
Math	16	17
Science	16	19
Social Studies	18	21

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
 - 1.5 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)



North Reading High School Life

Be involved in your school.

It is what you make it!

