

Welcome to North Reading High School's  
Open House for  
Middle School Students and Parents  
January 12, 2017



Named to *Boston Magazine's 2015*  
"50 Best High Schools in Massachusetts"

Our Core Values:

*Life-long Learning*

*Leadership through Service*

*Citizenship*



# New Learning Spaces:



## Technology-infused classrooms:

- 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
Foreign Language	2 credits
Fine Arts and/or Business Education	3 credits *
Health/Physical Education	2 credits * *
Electives	5 credits
Total	28 credits

\* requirement of three credits earned between the Fine Arts and Business Education 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 CCSS
- Biology (MCAS Administered)
- United States History I
- Foreign Language
- Health/Physical Education
- Freshmen Seminar
- Elective
  - Fine Arts
  - Business Education
  - Technology



# Course Distribution for Sophomores

- English 10 (MCAS Administered)
- Geometry/Algebra II CCSS (MCAS\* Administered)
- Chemistry or Physical Science
- United States History II
- Foreign Language
- Health/Physical Education
- Electives (2)
  - English
  - Business Education
  - Technology
  - Fine Arts
  - Advanced Placement Environmental Science

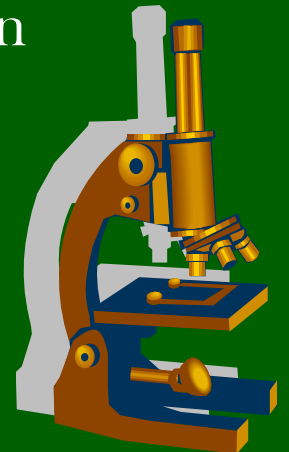


# Course Distribution for Juniors

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

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

- Foreign Language
- Business Education
- Technology
- Fine Arts





# Course Distribution for Seniors

- Senior English Course (Choose One)
  - AP English Language and Composition
  - AP English Literature and Composition
  - British Literature (A or H)
  - Journalism
  - Contemporary Dramatic Literature (A or H)
  - The Literature and Legacy of Shakespeare
- Math
- Science
- American Civics and Government or Advanced Placement Government and Politics
- Electives (4)

➤ English	➤ Foreign Language
➤ Math	➤ Business Education
➤ Science	➤ Technology
➤ Social Studies	➤ Fine Arts
➤ Physical Education	➤ Senior Internship



# The Block Schedule

## Green Day/Gold Day

Block A/E	7:30 -8:48
Block B/F	8:52-10:10
Block C/G	10:14-11:32
Block D/H	12:42-2:00

# A Sample Schedule

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



# The Freshmen Seminar

Four, term-long modules that rotate throughout the school year

Modules:

- Extensions in Mathematics
- Public Speaking/Communications
- Study Skills Development
- Microsoft Applications

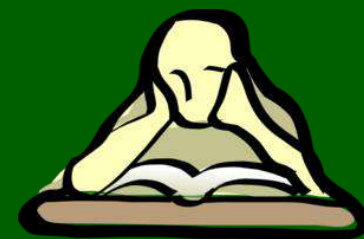


# What is “Power Block” ?



# SAT Scores: Critical Reading

Year	NRHS	State	National
2016	551	517	494
2015	539	516	495
2014	527	516	497
2013	547	515	496
2012	544	513	496
2011	537	513	497





# SAT Scores: Writing

Year	NRHS	State	National
2016	541	506	482
2015	527	507	484
2014	526	509	487
2013	546	509	488
2012	529	508	488
2011	518	509	489



# SAT Scores: Mathematics

Year	NRHS	State	National
2016	554	530	508
2015	547	529	511
2014	540	531	513
2013	577	529	514
2012	565	530	514
2011	552	527	514



# MCAS Scores: English Language Arts

	<u>2014</u>	<u>2015</u>	<u>2016</u>
Advanced	59%	70%	60%
Proficient	38%	29%	37%
Needs Improvement	2%	1%	1%
Failing	2%	1%	1%



# MCAS Scores: Mathematics

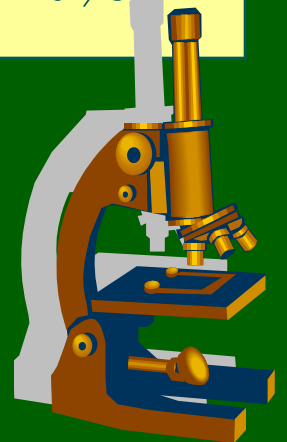
	<u>2014</u>	<u>2015</u>	<u>2016</u>
Advanced	65%	71%	63%
Proficient	24%	18%	26%
Needs Improvement	9%	9%	9%
Failing	2%	2%	1%





# MCAS Scores: Biology

	<u>2014</u>	<u>2015</u>	<u>2016</u>
Advanced	50%	54%	38%
Proficient	40%	37%	50%
Needs Improvement	9%	9%	11%
Failing	2%	0%	0%



# Advanced Placement Courses: Key Points of Interest

English Language and Composition

English Literature and Composition

Calculus AB

Calculus BC

Statistics

Government and Politics

United States History

World History

Music Theory

Biology

Chemistry

Psychology

Physics

Environmental Science

Spanish

French

Computer Science

# Advanced Placement 7<sup>th</sup> Annual Honor Roll – 3<sup>rd</sup> consecutive year

*For expanding opportunity and  
improving performance of AP students*

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

2004	2013	2014	2015	2016
88 exams administered	332 exams administered	399 exams administered	436 exams administered	466 exams administered

# New Courses in 2017-2018

- Robotics Academy
- Modern History through Film
- Comparative Anatomy and Physiology
- Genetics and Bioethics

## New Courses in 2016-2017

- Digital Illustration
- Advanced Placement Music Theory
- Advanced Acting and Stagecraft



# Expectations of Students Enrolled in an Academic Level Course:

- Student is always prepared for class. Preparation includes bringing the proper materials to class as well as completing all assignments needed for class discussions.
- Student is able to read and comprehend reading material that is at or near grade level.
- Student demonstrates an ability to think critically.
- Student's writing is generally organized and focused; the writing also exhibits a command of basic rules grammar and punctuation and a use of appropriate vocabulary.
- Student completes nightly homework assignments, which may entail a reading load of up to ten or more pages.
- Student is able to write essays of varying lengths organized around a central thesis; revisions may be necessary.
- Student exhibits the diligence to pursue an answer to a challenging idea even when the solution is not obvious on the first try.
- Student takes an active role in class discussions on a daily basis.
- Student is able to manage an assigned academic work load both in and out of class.
- Student demonstrates a true quest for knowledge and to be successful.
- Student seeks teacher assistance when necessary.
- Student strives to be self-motivated, self-disciplined, and organized.



# Expectations of Students Enrolled in an Honors Level Course:

- Student is always prepared for class. Preparation includes bringing the proper materials to class as well as completing all assignments needed for class discussions.
- Student is able to read and comprehend reading material that is at or slightly above grade level.
- Student demonstrates strong critical thinking skills.
- Student's writing is well-organized and focused; the writing also exhibits a facility in the use of language, using appropriate vocabulary.
- Student completes nightly homework assignments, which may entail a reading load of twenty or more pages.
- Student is able to write essays of varying lengths organized around a central thesis.
- Student exhibits the diligence to pursue an answer to a challenging idea even when the solution is not obvious on the first try.
- Student takes an active role in class discussions on a daily basis.
- Student is able to manage a demanding work load both in and out of class.
- Student shows a true quest for knowledge and a desire to be in a high-level class.
- Student seeks teacher assistance when necessary.
- Student is self-motivated, self-disciplined, and organized.

# Educational Support Programs

- Student Leadership Academy and Mentoring (SLAM)
- Academic Support Class
- Powerblock
- Freshmen Advisory Program
- National Honor Society “Peer Tutoring”
- Ed-line, our on-line grading program
- Naviance/Family Connection program
- MCAS prep support
- SAT Preparation Courses

# Average Class Sizes

## 2016-2017

<u>Course</u>	<u>Grade 9</u>	<u>All Grades</u>
English	23	24
Math	23	24
Social Studies	23	23
Science	21	23

# Freshmen Guidance Services

## Four Guidance Counselors

- Student Support Services
- Spring Visit with Eighth Graders
- Students' Selection of Courses
- Fall Transition Meetings with Students



# General Guidance Services

- Academic Services
  - Monitor Students' Academic Status
  - Selection of Courses
  - Facilitate Tutoring Services
  - Special Education Support
  - Enrichment Programs
- Social Support Services
  - Open-Door Policy
  - Integration of Student Support Services



# General Guidance Services

- College and Career Services
- School Psychologist
- School Adjustment Counselor
- Testing Services
  - 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 !!!
- Please join us in Main Street.
- Thank you for coming this evening.

