



# NEEDHAM HIGH SCHOOL

A CARING COMMUNITY  
STRIVING FOR PERSONAL GROWTH AND  
ACADEMIC EXCELLENCE

TO: Dan Gutekanst, Superintendent of Needham Public Schools  
FROM: Aaron Sicotte, Principal of Needham High School  
RE: Needham High School Achievement Report 2017  
DATE: 17 February 2017

I am both pleased and proud to provide the 2017 Achievement Report for Needham High School. This report is designed to capture the essence of our students' achievements in and out of the classroom. We are fortunate at NHS to have exceptionally hard working and dedicated students who are guided by talented and invested teachers and staff. The outcome of this dynamic is worthy of pride throughout the entire community. I share this report in the hope that, for those not in NHS, it raises their awareness of the incredible work our students are producing.

The bulk of the report focuses on our students' academic achievements, as measured on national standardized tests, including the SAT I and II, the ACT, and the broad range of Advanced Placement (AP) tests. Will Grannan, School Counselor at NHS, deserves all credit for compiling and summarizing this data.

The 2017 Achievement Report also serves to capture and highlight some of the artistic, athletic, and co-curricular achievements of our students. In the arts and in athletics, Needham High School students consistently receive attention for the great talent and achievement they demonstrate. Typically, though, they are relayed one at a time as each occurs. This report condenses those achievements into one location. Additionally, many accomplishments from our clubs are included. With the incredible wealth and variety of our club offerings, it is impossible to truly capture every single accolade and achievement, but this report attempts to give a representative sample of all our students are involved in and accomplishing. I would like to acknowledge the indispensable assistance of individuals in two departments in putting this portion of the report together: From Athletics- Micah Hauben, Athletic Director, and Dan Lee, Assistant Athletic Director; and from the Fine and Performing Arts Department- David Neves, Director, and Felicia Fraser, Bookkeeper.

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The following report summarizes the results for the SAT I (Critical Reading, Mathematics, Writing), SAT II (Subject Tests), ACT, and AP (Advanced Placement) examinations.

It is important to note that the statistics given for the SAT I & II apply only to the class of 2016. The report includes results for the last SAT taken by a member of this class at any time during high school up through April 2016. This is a five-year report.

Additionally, this year we have added five-year ACT performance data. The ACT averages apply only to the graduating class of the year noted.

AP results pertain only to the testing which took place in May 2016, and include members of the class of 2016 as well as other classes.

Highlighted below are several summary items.

### SAT I – Critical Reading and Math Tests

Annually more than 90% of the graduates of NHS take the SAT. For the graduating class of 2016 the percentage taking the SAT fell to 88%. The majority of graduates have taken the SAT more than once. When the Educational Testing Service sends us the average for the previous June's graduating class, that average is calculated from the last SAT each student took. Statistically one third of the students nationwide who repeat SAT go down. We also know that colleges give students credit for their best scores even if they were on different administrations of the SAT. Furthermore, the figures provided by ETS summarize the entire class. Another more helpful way of viewing SAT scores is to break them down by GPA intervals. A database program allows us to sort through all SAT scores for each student and extract the best scores by GPA. The chart below averages the best Critical Reading, Math and Writing scores of the class of 2016 through January 2016 SAT administration:

<b>GPA</b>	<b>Best Critical Reading Avg.</b>	<b>Best Math Avg.</b>	<b>Best Writing Avg.</b>	<b>Composite</b>
<b>5.00 – 4.75</b>	709	731	727	2167
<b>4.74 – 4.50</b>	671	671	670	2012
<b>4.49 – 4.25</b>	594	625	607	1826
<b>4.24 – 4.00</b>	573	593	578	1744
<b>3.99 – 3.75</b>	554	558	560	1672
<b>3.74 – 3.50</b>	533	534	531	1598
<b>Below 3.50</b>	460	478	438	1376

The first SAT figures that follow are furnished to us by ETS. These figures are based on the last SAT a student took.

According to ETS, the Needham Critical Reading SAT average (573), Math SAT average (582), and Writing average (570) are significantly higher than the Global and Massachusetts averages; however, when we give Needham students credit for their best scores, the averages rise to 575

Critical Reading, 590 Math, and 576 Writing.

In Needham, females in the Class of 2016 outscored males in Critical Reading and Writing, which differs slightly from Global and Massachusetts' trends where males outscore females in Critical Reading (and Math).

<b>Students</b>	<b>Critical Reading</b>	<b>Math</b>	<b>Writing</b>	<b>Composite</b>
<b>Needham Males</b>	572	590	560	1722
<b>Needham Females</b>	574	574	579	1727

### SUBJECT TESTS (SAT II)

Globally, less than 15% of high school students who took SAT's also took Subject Tests. These students are generally concentrated in the best public and private schools in the world. At Needham High School, forty percent (40.1%) of the class of 2016 took at least one Subject Test. No results are provided in this report for Subject Tests involving fewer than 20 students.

Needham scored above, or equal to, both the Global and the Massachusetts averages in the following Subject Tests: Literature, U.S. History, Math1, Math 2, and Physics. We scored below the Global and Massachusetts' averages on World History and Biology M. Needham scored above the Global average, but below the Massachusetts' average, on Biology E.

Needham students who take a Subject Test have higher SAT averages. This reflects the Global and Massachusetts patterns.

<b>Test</b>	<b>Global</b>	<b>MA</b>	<b>Needham</b>
<b>Critical Reading</b>	610	629	642
<b>Math</b>	654	653	658
<b>Writing</b>	616	626	642
<b>Composite</b>	1880	1908	1942

### ACT TEST

The number of ACT test takers from Needham High has risen steadily over the past 5 years. For the graduating class of 2016, forty-five percent (45.1%) took at least one ACT test. While we don't currently track the number of students who take both the ACT and the SAT, the decreasing percentage of SAT test takers can be anecdotally attributed to a rising ACT exclusive population.

Included in the following chart is the ACT section and composite averages over the past five

years for Needham High test takers.

<b>Year</b>	<b>Test Takers</b>	<b>English</b>	<b>Math</b>	<b>Reading</b>	<b>Science</b>	<b>Composite</b>
<b>2012</b>	114	25.1	25.1	24.3	23.5	24.6
<b>2013</b>	119	24.9	25.7	25.5	23.6	25.0
<b>2014</b>	126	25.8	26.5	25.9	24.7	25.9
<b>2015</b>	157	25.6	26.1	25.4	24.6	25.5
<b>2016</b>	190	26.4	26.4	26.1	25.4	26.2

When broken down by GPA intervals, the ACT Composite averages for the class of 2016 are as follows:

<b>GPA</b>	<b>Composite Average</b>
<b>5.00 – 4.75</b>	32
<b>4.74 – 4.50</b>	30
<b>4.49 – 4.25</b>	27
<b>4.24 – 4.00</b>	26
<b>3.99 – 3.75</b>	24
<b>3.74 – 3.50</b>	23
<b>Below 3.50</b>	20

### ADVANCED PLACEMENT (AP) EXAMINATIONS

Four hundred thirty-one (431) students took eight hundred seven (807) AP tests. Ninety-three percent (92.6%) of the scores were 3 or better. Seventy-three percent (72.5%) of the scores were 4's and 5's. The Global rate for scoring 3 or better this year was sixty percent (60.3%).

A more detailed presentation of these data is available in the report that follows.

**Table 1:  
Needham Mean Critical Reading SAT Scores Compared with the Global and MA Scores**

Class	Needham	Global	MA
2016	573 (+)	494	517
2015	580 (+)	495	516
2014	586 (+)	497	516
2013	584 (+)	496	515
2012	582 (+)	496	513

(+) = Above Both Global and MA averages; (-) = Below Global and/or MA averages

**Table 2:  
Needham Mean Math SAT Scores Compared with the Global and MA Scores**

Class	Needham	Global	MA
2016	582 (+)	508	530
2015	599 (+)	511	529
2014	605 (+)	513	531
2013	595 (+)	514	529
2012	594 (+)	514	530

(+) = Above Both Global and MA averages; (-) = Below Global and/or MA averages

**Table 3:  
Needham Mean Writing SAT Scores Compared with the Global and MA Scores**

Class	Needham	Global	MA
2016	570 (+)	482	506
2015	584 (+)	484	507
2014	590 (+)	487	509
2013	580 (+)	488	509
2012	583 (+)	488	508

(+) = Above Both Global and MA averages; (-) = Below Global and/or MA averages

**Table 4:  
Number and Percent of the Class Taking the SAT**

Year	Graduates in Class	# Taking the SAT	Percent
2016	421	369*	88
2015	391	352*	90
2014	367	330*	90
2013	371	350*	94
2012	367	345*	94

**Table 5:  
Number and Percent taking at least one Subject Test**

Year	Graduates in Class	At least 1 SAT Subj	Percent
2016	421	169	40
2015	391	165	42
2014	367	178	49
2013	371	180	49
2012	367	168	46

\* A discrepancy in numbers between graduates and number taking the SAT or Subject Tests occurs for various reasons. The report we receive from the ETS includes students who moved out of Needham after grade 11, were exchange students and returned to native country, failed to graduate with the class, etc. In addition, we have an increasing # of students taking the ACT and hope to include that data in future reports.

Comparison of Needham Subject Test Mean Scores to Global and Massachusetts Subject Test Mean Scores

The figures listed below represent the mean scores of the most recent Subject Tests taken by members of the classes of 2012-2016 from the time they entered high school through March of their senior year. Subject Test results are not included in this report for exams involving less than 20 students.

Numbers in red refer to tests where Needham students performed below the Global or MA average(s).

**Class of 2016**

	Lit	US Hist	Math 1	Math 2	Bio E	Bio M	W Hist	Phys
<b>Needham</b>	652	663	648	702	637	638	559	667
<b>MA</b>	625	633	622	691	647	654	617	656
<b>Global</b>	599	624	599	690	616	647	615	667

**Class of 2015**

	Lit	US Hist	Math 1	Math 2	Bio E	Bio M	Chem	Phys
<b>Needham</b>	625	674	650	697	624	635	634	631
<b>MA</b>	625	646	622	688	641	651	653	657
<b>Global</b>	618	645	619	690	625	652	666	667

**Class of 2014**

	Lit	US Hist	Math 1	Math 2	Bio E	Bio M	Chem	Phys
<b>Needham</b>	630	662	643	717	651	634	645	644
<b>MA</b>	629	643	622	691	641	655	656	658
<b>Global</b>	619	643	621	691	627	653	668	665

**Class of 2013**

	Lit	US Hist	Math 1	Math 2	Bio E	Bio M	Chem	Phys
<b>Needham</b>	636	671	645	695	633	650	662	624
<b>MA</b>	620	650	621	685	636	654	653	658
<b>Global</b>	613	651	621	686	626	655	666	667

**Class of 2012**

	Lit	US Hist	Math 1	Math 2	Chem	Bio M	Phys
<b>Needham</b>	623	677	642	700	666	645	648
<b>MA</b>	607	634	609	678	643	646	651
<b>Global</b>	576	608	610	654	648	635	656



**Table 1:  
Needham Average ACT English Section Scores Compared to Nationwide and MA Averages**

<b>Class</b>	<b>Needham</b>	<b>Nationwide</b>	<b>MA</b>
<b>2016</b>	26.4	20.1	24.4
<b>2015</b>	25.6	20.4	24.2
<b>2014</b>	25.8	20.3	24.0
<b>2013</b>	24.9	20.2	23.8
<b>2012</b>	25.1	20.5	23.9

**Table 2:  
Needham Average ACT Math Section Scores Compared to Nationwide and MA Averages**

<b>Class</b>	<b>Needham</b>	<b>Nationwide</b>	<b>MA</b>
<b>2016</b>	26.4	20.6	24.9
<b>2015</b>	26.1	20.8	24.6
<b>2014</b>	26.5	20.9	24.6
<b>2013</b>	25.7	20.9	24.4
<b>2012</b>	25.1	21.1	24.5

**Table 3:  
Needham Average ACT Reading Section Scores Compared to Nationwide and MA Averages**

<b>Class</b>	<b>Needham</b>	<b>Nationwide</b>	<b>MA</b>
<b>2016</b>	26.1	21.3	25.3
<b>2015</b>	25.4	21.4	24.6
<b>2014</b>	25.9	21.3	24.5
<b>2013</b>	25.5	21.1	24.4
<b>2012</b>	24.3	21.3	24.2

**Table 4:  
Needham Average ACT Science Section Scores Compared to Nationwide and MA Averages**

<b>Class</b>	<b>Needham</b>	<b>Nationwide</b>	<b>MA</b>
<b>2016</b>	25.4	20.8	24.1
<b>2015</b>	24.6	20.9	23.8
<b>2014</b>	24.7	20.8	23.5
<b>2013</b>	23.6	20.7	23.2
<b>2012</b>	23.5	20.9	23.2

**Table 5:**  
**Needham Average ACT Composite Scores Compared to Nationwide and MA Averages**

<b>Class</b>	<b>Needham</b>	<b>Nationwide</b>	<b>MA</b>
<b>2016</b>	26.2	20.8	24.8
<b>2015</b>	25.5	21.0	24.4
<b>2014</b>	25.9	21.0	24.3
<b>2013</b>	25.0	20.9	24.1
<b>2012</b>	24.6	21.1	24.1

**Number of Advanced Placement Tests by Discipline**

Test / Year	2016	2015	2014	2013	2012
Biology	42	32	26	31	23
Calculus AB	69	67	55	53	67
Calculus BC	35	33	47	28	35
Chemistry	18	18	13	10	11
Chinese Language	1	1	-	-	2
Computer Science A	36	26	20	18	16
Economics: Macro	-	2	-	-	1
Economics: Micro	-	-	1	-	1
English Lang & C	132	100	79	25	12
English Lit & Composition	40	43	40	38	19
Environmental S	-	-	-	2	3
French Lang	17	8	7	9	12
German	-	3	-	-	1
Japanese Lang	-	-	3	-	1
Music Theory	5	-	2	3	3
Physics 2	1	-	1	-	-
Physics C: Mechanics	31	30	20	16	42
Physics C: Elec. & Mag.	30	32	20	16	41
Psychology	117	126	98	61	3
Spanish Lang	27	15	26	29	32
Statistics	44	65	66	55	61
Studio Art Drawing	10	18	8	19	14
Studio Art 2D Design	13	13	20	26	12
U.S. Gov. & Politics	63	44	62	74	57
U.S. History	76	82	53	59	56
World History	-	-	-	-	1
Total Grades Reported	807	758	667	572	526
Total Candidates	431	401	368	318	258

### 2016 AP Score Summary

<b>Test / Result</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Biology</b>	6	13	17	6	-
<b>Calc AB</b>	33	18	15	2	1
<b>Calc BC</b>	35	-	-	-	-
<b>Chemistry</b>	6	4	7	-	1
<b>Chinese Lang. &amp; Culture</b>	1	-	-	-	-
<b>Comp. Sci. A</b>	18	9	6	2	1
<b>English Lang. &amp; Comp</b>	55	46	24	7	-
<b>English Lit. &amp; Comp</b>	10	19	11	-	-
<b>French Lang. &amp; Culture</b>	3	6	7	1	-
<b>Music Theory</b>	2	1	2	-	-
<b>Physics 2</b>	-	1	-	-	-
<b>Physics C: Elec &amp; Magnetism</b>	18	7	4	1	-
<b>Physics C: Mechanics</b>	24	5	2	-	-
<b>Psychology</b>	35	32	23	22	5
<b>Spanish Lang. &amp; Culture</b>	7	13	7	-	-
<b>Statistics</b>	21	15	4	4	-
<b>Studio Art 2D Design</b>	3	6	4	-	-
<b>Studio Art: Drawing</b>	2	7	-	1	-
<b>US Gov. &amp; Politics</b>	18	21	20	2	2
<b>US History</b>	46	19	9	2	-
<b>Total (807)</b>	343	242	162	50	10
<b>Students (431)</b>					

**2015 NEEDHAM PERCENT OF GRADE 3 OR HIGHER**  
**(Global percent of Grade 3 or higher in parentheses)\*\***

Test / Year	2016	2015	2014	2013	2012
BIOLOGY	86(61)	91(64)	96(64)	100(63)	96(50)
CALCULUS AB	96(60)	97(57)	93(59)	100(59)	100(59)
CALCULUS BC	100(81)	100(80)	100(81)	100(80)	100(83)
CHEMISTRY	94(54)	94(53)	92(63)	100(59)	82(55)
CHINESE	100(94)	100(93)	-	-	100(94)
COMPUTER SCIENCE A	92(65)	88(64)	85(61)	94(67)	100(63)
ECON:MACRO	-	50(55)	-	-	100(55)
ECON:MICRO	-	-	100(65)	-	100(65)
ENG LANG/COMP	95(55)	97(55)	91(56)	96(55)	100(60)
ENG LIT & COMP	100(55)	93(56)	90(55)	100(58)	100(56)
ENVIRONMENTAL SCIENCE	-	-	-	100(48)	67(50)
FRENCH LANGUAGE	94(76)	100(75)	100(77)	100(78)	100(76)
GERMAN	-	100(77)	-	-	100(77)
JAPANESE LANG. & CULT.	-	-	100(76)	-	100(73)
MUSIC THEORY	100(60)	-	100(63)	100(61)	100(61)
PHYSICS 2	100(61)	-	-	-	-
PHYSICS B	-	-	100(61)	-	-
PHYSICS C:MECHANICS	100(77)	100(78)	100(77)	88(75)	86(77)
PHYSICS C:ELEC&MAG	97(71)	75(69)	95(71)	94(70)	78(72)
PSYCHOLOGY	77(64)	79(66)	86(66)	93(67)	67(66)
SPANISH LANGUAGE	100(89)	100(90)	100(89)	93(70)	97(72)
STATISTICS	91(58)	91(58)	86(60)	85(58)	95(59)
STUDIO ART DRAWING	90(82)	94(78)	100(77)	100(78)	100(73)
STUDIO ART 2D	100(82)	100(74)	90(77)	100(79)	100(74)
U.S. GOV'T POL.	94(51)	93(48)	92(51)	96(52)	96(52)
US HISTORY	97(52)	95(51)	98(52)	100(54)	100(55)
WORLD HISTORY	-	-	-	-	0(53)
TOTAL 3% OR HIGHER	92(61)	92(61)	92(61)	97(61)	95(62)
TOTAL NO. CANDIDATES	431	401	368	318	258

**NUMBER OF EXAMS TAKEN ACCORDING TO SCORES**

<b>Score / Year</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>
<b>5</b>	343	319	281	235	284
<b>4</b>	242	236	222	198	142
<b>3</b>	162	138	112	117	73
<b>2</b>	50	50	42	17	21
<b>1</b>	10	15	10	5	6
<b>Totals</b>	807	758	667	572	526

**SAT I Reasoning Comparisons**

<b>Public High School</b>	<b>Participants</b>	<b>Reading</b>	<b>Writing</b>	<b>Math</b>	<b>Composite</b>
Lexington	471	619	611	645	1875
Concord Carlisle	263	616	605	635	1856
Weston	143	604	603	627	1834
Dover- Sherborn	167	613	608	620	1841
Newton South	381	596	599	620	1815
Wellesley	306	601	598	614	1813
Wayland	201	595	593	619	1807
Brookline	377	599	590	617	1806
Winchester	295	587	586	617	1790
Newton North	409	580	572	598	1750
<b>Needham</b>	<b>361</b>	<b>575</b>	<b>571</b>	<b>584</b>	<b>1730</b>
Medfield	226	553	558	587	1698
Holliston	197	561	549	581	1691
Westwood	206	557	548	578	1683
Hopkinton	278	552	544	580	1676
Natick	322	555	538	565	1658
Framingham	358	529	514	562	1605
Walpole	272	527	524	538	1589
Norwood	222	505	513	523	1541
Dedham	160	490	477	520	1487

## AP Performance Comparisons

Public High School	Tests Taken	% Non Qualifying (1-2)	% Qualifying (3-5)
Wellesley	618	4.4	95.6
Brookline	811	5.4	94.6
Concord Carlisle	498	5.6	94.4
Dover-Sherborn	483	5.6	94.4
Lexington	1,622	5.7	94.3
Wayland	409	7.1	92.9
<b>Needham</b>	<b>807</b>	<b>7.4</b>	<b>92.6</b>
Newton North	869	7.7	92.3
Framingham	845	8.8	91.2
Westwood	497	9.7	90.3
Newton South	1,018	10.2	89.8
Winchester	679	11.0	89.0
Walpole	387	11.1	88.9
Holliston	385	13.5	86.5
Hopkinton	988	15.2	84.8
Weston	512	15.8	84.2
Natick	732	19.8	80.2
Medfield	574	25.6	74.4
Norwood	189	26.5	73.5
Dedham	349	41.5	58.5

## **Artistic Achievements and Accomplishments - Performing Arts:**

### **Students Acting to Make a Difference (SAMD) Fall 2016 -**

SAMD raised and will be donating over \$7000 to their chosen charity this year, Sage House Residential Family Treatment Program, as a result of their October Musical *Fame*.

### **2016 National Association for Music Education (NAfME) All-National Honors Chorus -**

Being selected as a 2016 All-National Musician is amongst the highest recognitions that can be given to high school musicians. Selections are made by music education experts to ensure selected students are not only the finest possible young musicians, but also represent the positive qualities, both socially and academically, for which all students should strive.

- 4 NHS Honoree

### **Senior District Musicians 2017 -**

Students audition for acceptance into select music groups, with invitations to All-State auditions coming from the accepted students.

- 8 Band members
- 6 Orchestra members
- 3 Jazz Ensemble members
- 17 Chorus members

### **2017 Massachusetts All-State Band, Orchestra, Jazz Ensemble, and Chorus -**

All of the students were selected based on competitive auditions held in January. The students competed against thousands of students from throughout Massachusetts. As a result of their selection, these students will have the honor and privilege of performing with the other selected students in concert at Symphony Hall on March 11th.

- 6 Band and Orchestra members
- 1 Jazz Ensemble member
- 9 Chorus members

### **Eastern District Junior Auditions 2017 -**

NHS hosted the auditions, with over 1000 students auditioning from all over the area.

- 9 of our 9<sup>th</sup> graders were accepted to Junior District Honors Groups



## **Artistic Achievements and Accomplishments - Fine Arts:**

### **2017 Scholastic Arts Awards -**

These students entered individual works or portfolios that they created in classes as part of the Needham Public School Visual Arts curriculum. Students were competing for recognition with thousands of other students from throughout Massachusetts and Gold Key winners will compete nationally.

- 29 students received 57 awards
- 1 American Visions Award - considered 'Best in Show' with only 5 recipients from over 15,000 entrees.
- 11 Gold Key winners, receiving 19 total Gold Keys (including one student who received 6 Gold Keys)
- 11 Silver Key winners, receiving 16 Silver Keys (including five students who received 2 Silver Keys)
- 17 Honorable Mention recipients, receiving 21 Honorable Mentions

### **The NHS Visual Art Department is recognized by the Goldin Foundation for Excellence In Education with an 'Exemplary Project Award' for the annual Art in Bloom collaboration with Temple Beth Shalom Garden Club.**

Art in Bloom showcases works by over 60 NHS students representing all facets of the art curriculum, with floral interpretations for each work created by members of the Garden Club. The recognition included a monetary donation to the department as well as a recognition of NHS Art Teacher Shireen Yadollahpour for her tireless efforts in coordinating the program.

## **Athletic Achievements and Accomplishments:**

### **MIAA Team Sportsmanship Awards, since 2010:**

- **Boys Swimming & Diving** (2016-17) *Undefeated Regular Season & BSC Champs*
- **Girls Swimming & Diving** (2013 & 2016)
- **Wrestling** (2015-16)
- **Boys Volleyball** (2015) *State Champion Year*
- **Alpine Ski** (2014-15)
- **Boys Indoor Track** (2014) *State Champion 2015-16*
- **Girls Soccer** (2013) *State Champion 2015*
- **Girls Cross Country** (2012) *State Champions 2013, 2014, 2015*
- **Boys Tennis** (2012) *State Champion Year*
- **Football** (2011) *State Runner-Up Year*

### **Winter 2015-16 Highlights -**

- Boys & Girls Indoor Track both DI State Champions
- Wrestling Team Sportsmanship Award
- Boys Basketball Coach Paul Liner DI South Coach of Year
- Girls Indoor Track Coach Chris Van Cott Boston Globe Coach of Year
- Athletic Director Micah Hauben earned Certified Master Athletic Administrator status from the National Interscholastic Athletic Administrators Association (NIAAA)
  - One of only 50 ADs nationally to earn this level in 2016, with only 10 active CMAAs working in MA

### **Spring 2016 Highlights -**

- Boys Volleyball Coach Dave Powell MIAA Coach of Year
- Girls Lacrosse MIAA Educational Achievement Award for Bruce Lerch Memorial Play Day
- State Championship Teams (Boys Volleyball, Girls XC & Girls Soccer) visited State House with Rep. Garlick and met with Charlie Baker
- Girls Cross Country and Girls Soccer recognized at Night of Champions event at Fenway Park
- XC and Track standout athlete Senior Margie Cullen named Gatorade MA Track & Field Athlete of the Year
- Ran annual Positive Coaching Alliance workshops with 8th grade athletes and parents

### **Fall 2016 Highlights -**

- Dance Team State Champions
- Girls Swimming & Diving Team Sportsmanship Award
- 8 student-athletes committed to play NCAA DI & DII Athletics
- Ran Positive Coaching Alliance workshops for NHS Captains and all Coaches at Trip Advisor headquarters
- Girls Soccer continued its work raising funds and awareness for Breast Cancer through

the American Cancer Society

- For the third year in a row were recognized as winners of the Making Strides High School Challenge as the top high school fundraising program in the country. Total raised over three years is more than \$100,000.00.
- Received Boston Globe Dalton Award for most Varsity wins across all sports (2015-16) and overall excellence in interscholastic athletics.
  - NHS Athletics recognized by Boston Globe as lead story in August article for winning Ames and Dalton awards in back-to-back years
- Athletic Director Micah Hauben named to MIAA's new Inclusion Committee

**Winter 2016-17 Highlights -**

- Boys Swimming & Diving Team Sportsmanship Award
  - Boys Swim & Dive also finished regular season undefeated for first time in more than 25 years and were top seed for South/Central Sectional Meet
- Boys Basketball won BSC League Title for first time since 1986 & Girls Ice Hockey remained undefeated through first 17 games of season and ranked #2 in EMASS
  - Boys Basketball invited to participate in Good Sports Tournament at Boston Garden vs Wellesley
- Wrestling had two Sectional Champions and sent 5 athletes to States

## Co-Curricular Achievements and Accomplishments:

- **National Honor Society** partnered with the Needham Rotary Club twice this year. The first was in October to plant over 200 plants on the hill near the music suite on Webster St., and the second was in January to pack nearly 19,000 meals for those in need.
- The **NHS Academic Team** participated in the WGBH taping of High School Quiz Show, losing to the Brookline team in overtime after a great comeback.
- **Take Back the Night** received a citation from the Massachusetts House of Representatives in recognition of their 10 years of work "leading the community in words and actions against domestic violence and sexual assault."
- The **Speech and Debate Team** have already qualified 8 students for the Nationals competition (5 for Lincoln-Douglas Debate; 2 for Declamation; 1 for Congressional Debate). These results follow a season where many other students were recognized for their outstanding performances.
- The **Choose To Be Nice Club** spent a Saturday cleaning up the NHS parking lots.
- The **NHS Robotics Teams**, the HackHers (all girls team) and T-10 (co-ed team) have both qualified for the State Tournament in March and each have been recognized for with the Inspire Award, the highest award given at a competition. At a recent competition, the HackHers won the PTC Design Award and were selected to be part of an alliance that won the entire competition.
- The Needham Community Farm recognized seven people with its **2016 Outstanding Youth Volunteer Award**. Among the list are three NHS students.
- **Habitat For Humanity** traveled to Texas over February vacation to help build a home.
- Eleven students from SALSA (Students Advocating Life without Substance Abuse) represented NHS at the Norfolk County Peer Leadership Conference, where the District Attorney Michael Morrissey recognized the NHS students as "Team Rival Champions" for their community service work in substance abuse prevention.
- **Even A Night Like This**, the NHS Art and Literary Magazine, hosted a fundraiser night of performances ranging from acapella to spoken word poetry to comedy acts.
- **Own Your Peace/Piece** hosted the 5th Annual Wellness Breakfast, featuring nearly a dozen different NHS clubs all focused on emotional and mental wellness. The breakfast aims to highlight and celebrate the work NHS groups do to create a culture of awareness, openness, and caring at NHS.
- **The Mandarin Club** hosted a Chinese New Year Celebration, which included musical performances, traditional dances, fun and games, and delicious Chinese food.
- Hundreds of students participated in NHS's **Poetry Out Loud**, a poetry recitation and performance competition, with the winner competing in the State competition.

