

Achievements and Other Notable Information

Middle Schools (6-8):

1. The **Math Teams** from both schools have achieved major accomplishments and received many awards in this academic year alone. Among them:
 - Intermediate Math League of Eastern Massachusetts (IMLEM): 1st and 2nd place in the state.
 - MathCounts: 1st and 2nd place teams in Chapter and State; 1st place student in Chapter and State; two of four Massachusetts team finalists represent Lexington Public Schools in the National MathCounts Competition in Texas.
 - New England Math League (NEML): 1st and 2nd place teams in all three grades, including perfect scores for three students in grade eight.
 - Continental Math League: 1st place team in grade six and 1st place students in grades six and seven.
 - American Scholastic Mathematics Association ASMA: 2nd place team nationally.
 - American Mathematics Contest (AMC) for grade 8: State Honor Roll, 1st place student.

High School (9-12):

2. The **Math Team** at the High School has experienced a successful year as well:
 - Massachusetts Association of Mathematics Leagues Level I (MAML): Lexington had 8 finalists and 7 semi-finalists out of the top 100 students in the State.
 - Massachusetts Association of Mathematics Leagues Level II (MAML): Lexington had 3 of the top 21 in the State.
 - American Mathematics Competitions: Lexington had 3 Honor Roll winners and 48 students who received Certificates of Distinction
 - USA Mathematical Olympiad Qualifiers (USAMO): 5 out of the top 502 in the nation.
 - Massachusetts Math League (MML): League Champions
 - Greater Boston Mathematics League: 1st place in the league with an unprecedented perfect score on Meet 2.
 - State Meet Champions
 - New England meet Champions
 - New England Mathematics League (NEML): 2nd place out of 195 schools (2 points from 1st place); 2 students with perfect scores
 - Worcester Polytechnic Institute Mathematics Competition: 1st Place (undefeated in 17 years)
 - Girls' Mathematics Olympiad in Wuham, China: one Lexington student out of only 8 Americans selected to represent the United States.

3. Distribution of SAT I Mathematics Scores for the Class of 2006 (2007 scores have not been compiled)

<u>Score</u>	<u># of Students</u>	<u>Local Mean</u>	<u>MA Mean</u>	<u>National Mean</u>
- 700-800	149/452	629	524	518
- 600-699	159/452			
- 500-599	83/452			
- 400-499	45/452			

4. Distribution of SAT II Mathematics Scores for the Class of 2006

<u>Test</u>	<u>Local Mean</u>	<u>MA Mean</u>	<u>National Mean</u>
- Math Level IC (164 students)	643	601	593
- Math Level 2C (126 students)	718	670	644

5. Advanced Placement (AP) Exams

<u>AP Grade</u>	<u>Calculus AB</u>	<u>Local %</u>	<u>National %</u>
5	28	40.5%	22.3%
4	27	39.1%	20.5%
3	8	11.5%	18.6%
2	5	7.2%	15.5%
1	1	1.4%	23.25%
Total	69		

<u>AP Grade</u>	<u>Calculus BC</u>	<u>Local %</u>	<u>National %</u>
5	34	82.9%	41.9%
4	3	7.3%	19.7%
3	3	7.3%	19.7%
2	0		
1	1		
Total	41		

<u>AP Grade</u>	<u>Statistics</u>	<u>Local %</u>	<u>National %</u>
5	4	13.7%	12.6%
4	12	41.3%	22.2%
3	9	31.0%	25.3%
2	2	6.8%	18.3%
1	2	6.8%	21.6%
Total	29		