

# MCAS Report 2010

Medford High School  
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Over the thirteen years that MCAS has been administered, Medford High School has made steady progress on the state assessment tests. Overall, the percentage of students scoring in the highest two proficiency levels has increased significantly, and the percentage of students failing the test has decreased dramatically.

## ENGLISH LANGUAGE ARTS – Grade 10

### *More Students at Higher Levels*

- In 1998 only 2% of MHS students scored at the Advanced level on the ELA test, but in 2010 29% performed at the Advanced level.
- In 1998 only 30% of MHS students scored at the Advanced or Proficient levels on the ELA test, but in 2010 83% of MHS students scored at the highest two levels.

### *Fewer Students at the Failing Level*

- The number of students who failed the ELA test dropped from 29% in 1998 to only 4% in 2010.

### *Comparison of MHS and the State*

- While 29% of MHS students scored at the Advanced level on the 2010 ELA test, 26% of students statewide scored at the highest level on that test.
- While 83% of MHS students scored at the Advanced or Proficient level on the 2010 ELA test, 78% of students statewide scored at these two highest levels.
- At MHS - and across the state - 4% of MHS students failed the 2010 ELA test.

## MATHEMATICS – Grade 10

### *More Students at Higher Levels*

- In 1998 only 1% of MHS students scored at the Advanced level on the Mathematics test, but in 2010 52% performed at the Advanced performance level, 10% more than last year.
- In 1998 only 16% of MHS students scored at the Advanced or Proficient level on the Mathematics test, but in 2010 81% of MHS students scored at the highest two levels.

*Fewer Students at the Failing Level*

- The number of failing students on the Mathematics test dropped from 59% in 1998 to 5% in 2010.

*Comparison of MHS and the State*

- While 52% of MHS students scored at the Advanced level on the 2010 Mathematics test, 50% of students statewide scored at the highest level on that test.
- While 81% of MHS students scored at the Advanced or Proficient level on the 2010 Mathematics test, 75% of students statewide also scored at these two highest levels.
- While 5% of MHS students failed the 2010 Mathematics test, 7% of students statewide failed the test.

## SCIENCE AND TECHNOLOGY

2010 was the third year that school, district and state results for the MCAS Science and Technology test were released. Since 2008, a far greater percentage of MHS students have scored within the top two proficiency levels.

*Biology*

- In 2008 only 10% of MHS students scored at the Advanced on the Biology test, but in 2010 30% of MHS students scored at the highest level, compared to 17% of students statewide.
- In 2008 only 60% of MHS students scored at the Advanced or Proficient level on the Biology test, but in 2010 67% of MHS students scored at the highest two levels, compared to 63% of test-takers statewide.
- At MHS 15% of students failed the 2010 Biology test, compared to 13% statewide.

*Introductory Physics*

- In 2008 only 3% of MHS students scored at the Advanced level on the Introductory Physics test, but in 2010 8% of MHS students scored at the highest level. At the state level 16% of test-takers scored in the highest two levels.
- In 2008 only 48% of MHS students scored at the Advanced or Proficient level on the Introductory Physics test, but in 2010 53% of MHS students scored at the highest two levels. At the state level 55% of test-takers scored in the highest two levels.
- While 7% of MHS students failed the 2010 Introductory Physics test, 14% of students statewide also failed the test.