

John T. Baker Middle School



Science MSA

Students are tested on learned science skills specified in the Voluntary State Curriculum

Areas of testing:

Environmental Science

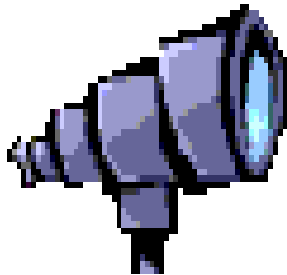
Physics

Chemistry

Earth/Space Science

Skills and Processes

Life Science



2009 MSA Science - All Grades

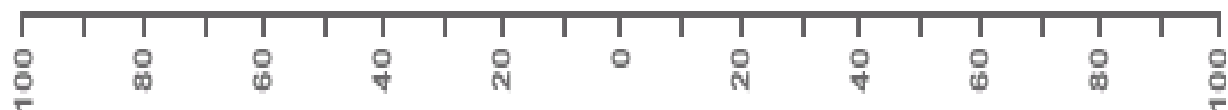
▶ John T. Baker Middle
School All Students



▶ Montgomery County All
Students



▶ Maryland State All
Students



KEY

Proficiency Levels:

Basic Proficient Advanced

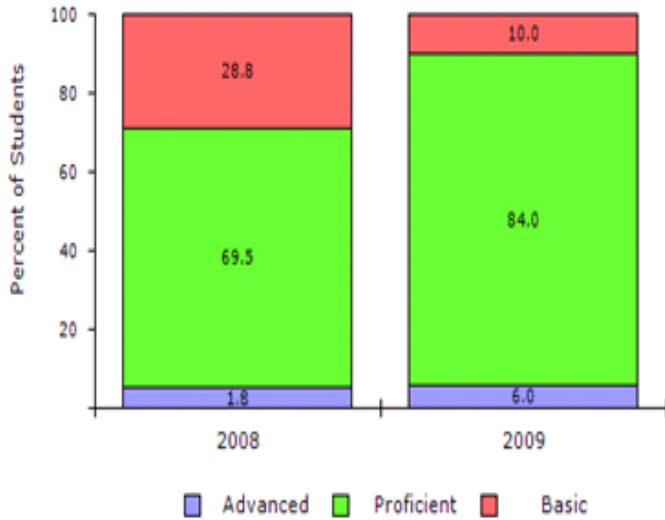
Special Indicators:

'-' indicates no student in the category

'*' indicates fewer than 5 students

Baker MS

MSA Proficiency Levels - Grade 8 - Science



▶Hide Details

MSA Proficiency Levels - Grade 8 - Science
Number/Total

Year	Advanced	Proficient	Basic
2009	<u>15</u> 250	<u>210</u> 250	<u>25</u> 250
2008	<u>4</u> 226	<u>157</u> 226	<u>65</u> 226

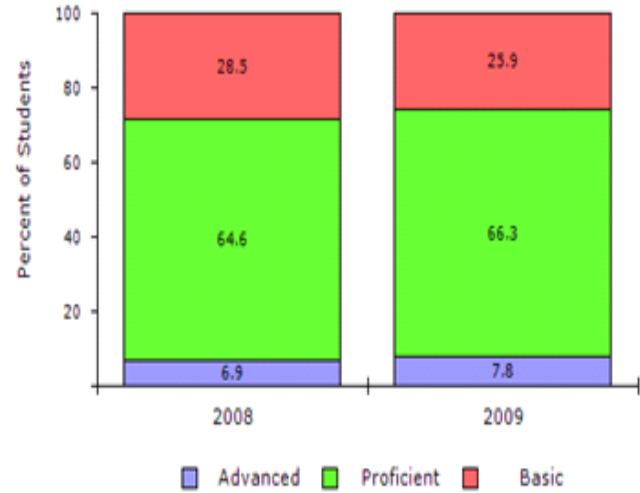
▶Hide Details

MSA Proficiency Levels - Grade 8 - Science
Percent

Year	Advanced	Proficient	Basic
2009	6.0	84.0	10.0
2008	1.8	69.5	28.8

MCPS

MSA Proficiency Levels - Grade 8 - Science



▶Hide Details

MSA Proficiency Levels - Grade 8 - Science
Number/Total

Year	Advanced	Proficient	Basic
2009	<u>814</u> 10417	<u>6902</u> 10417	<u>2701</u> 10417
2008	<u>712</u> 10293	<u>6645</u> 10293	<u>2936</u> 10293

▶Hide Details

MSA Proficiency Levels - Grade 8 - Science
Percent

Year	Advanced	Proficient	Basic
2009	7.8	66.3	25.9
2008	6.9	64.6	28.5

2009 MSA Science

All Students

American Indian/ Alaskan
Native

10.0 84.0 6.0

* * *

Asian/Pacific Islander

22.2 77.8

African American

23.5 76.5

White (not of Hispanic
origin)

8.5 84.1 7.5

Hispanic

9.5 90.5

Special Education

34.3 65.7

Limited English Proficient

-- -- --

Free/Reduced Meals

21.7 78.3



KEY

Proficiency Levels:

Basic Proficient Advanced

Special Indicators:

'--' indicates no student in the category

'*' indicates fewer than 5 students

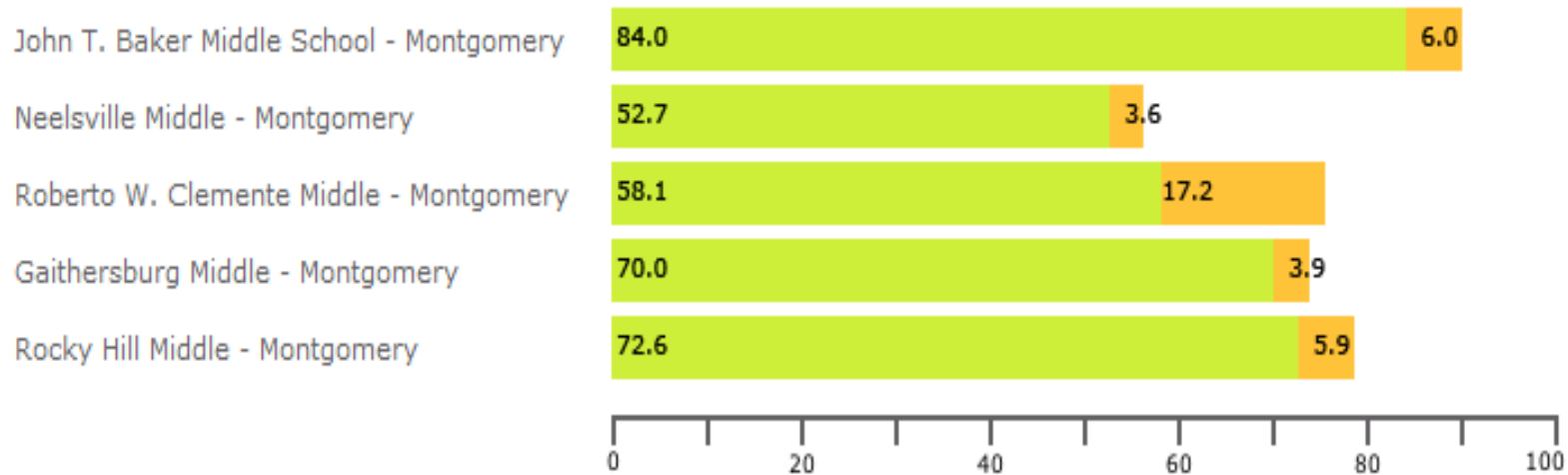
2009 MSA Science

	Basic		Proficient		Advanced	
	%	#	%	#	%	#
All Students	10.0	$\frac{25}{250}$	84.0	$\frac{210}{250}$	6.0	$\frac{15}{250}$
American Indian/ Alaskan Native	*	*	*	*	*	*
Asian/Pacific Islander	22.2	$\frac{2}{9}$	77.8	$\frac{7}{9}$	0.0	$\frac{0}{9}$
African American	23.5	$\frac{4}{17}$	76.5	$\frac{13}{17}$	0.0	$\frac{0}{17}$
White (not of Hispanic origin)	8.5	$\frac{17}{201}$	84.1	$\frac{169}{201}$	7.5	$\frac{15}{201}$
Hispanic	9.5	$\frac{2}{21}$	90.5	$\frac{19}{21}$	0.0	$\frac{0}{21}$
Special Education	34.3	$\frac{12}{35}$	65.7	$\frac{23}{35}$	0.0	$\frac{0}{35}$
Limited English Proficient	--	--	--	--	--	--
Free/Reduced Meals	21.7	$\frac{5}{23}$	78.3	$\frac{18}{23}$	0.0	$\frac{0}{23}$

KEY

= Number of students that performed in this proficient level over the total number of students who took MSA.

2009 MSA Science - All Grades



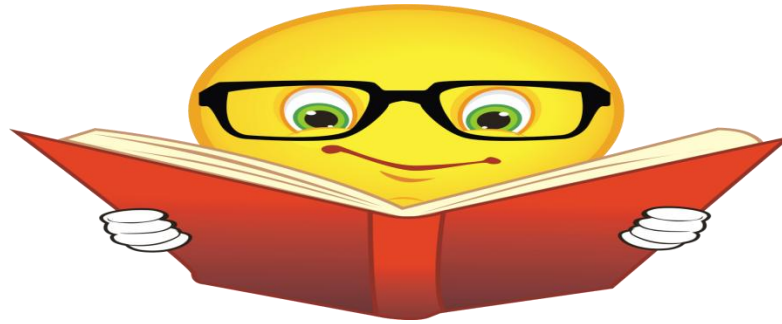
KEY

Proficiency Levels:

■ Proficient
 ■ Advanced

Name	Proficient		Advanced		Prof+Adv	
	%	#	%	#	%	#
John T. Baker Middle School - Montgomery	84.0	<u>210</u> 250	6.0	<u>15</u> 250	90.0	<u>225</u> 250
Neelsville Middle - Montgomery	52.7	<u>147</u> 279	3.6	<u>10</u> 279	56.3	<u>157</u> 279
Roberto W. Clemente Middle - Montgomery	58.1	<u>209</u> 360	17.2	<u>62</u> 360	75.3	<u>271</u> 360
Gaithersburg Middle - Montgomery	70.0	<u>163</u> 233	3.9	<u>9</u> 233	73.8	<u>172</u> 233
Rocky Hill Middle - Montgomery	72.6	<u>260</u> 358	5.9	<u>21</u> 358	78.5	<u>281</u> 358

Correlated Data



Better Readers scored Advance?

Next step: Comparing MAP-R scores
to Science MSA scores

We Rock!

- Our target: Moving from Proficient to Advance



Thank you!