

Watertown Public Schools Assessment Report 2009

Part I

MCAS, AYP, AMAO, SAT

Part II

ACT, AP, and Sec. curriculum assessments

Part III

MAP, and Elem. curriculum assessments

Ann Koufman-Frederick
& WPS Administrative Council
School Committee Meeting
November 9, 2009

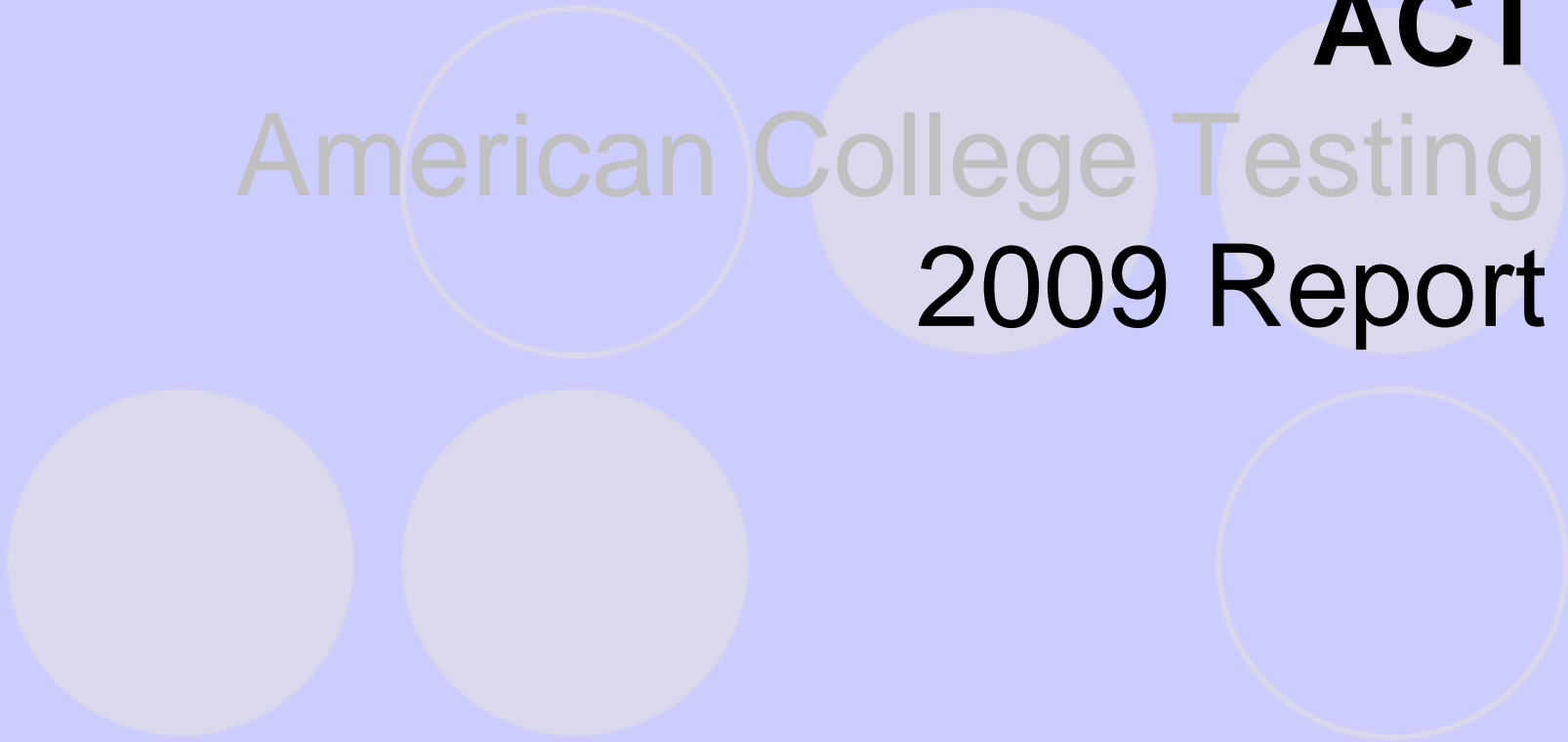
Assessment Inventory

- **MCAS (Mass Comprehensive Assessment System) & AYP**
- **AMAO (Annual Measurable Achievement Objectives)**
- **SAT (Scholastic Aptitude Test)**
- **AP (Advanced Placement)**
- **ACT (American College Testing)**
- **MAP (Measures of Academic Progress)**
- **Curriculum common assessments**

November 2009 CONTENTS

Assessment Part II

- ACT, Spring 2009
- AP, Spring 2009
- Secondary common assessments,
ongoing

The background features a light blue gradient with several decorative circles. There are two solid light gray circles in the lower half, one on the left and one in the center. In the upper half, there are two more circles: one is a thin yellow outline on the left, and the other is a solid light gray circle on the right. The text is overlaid on these circles.

ACT
American College Testing
2009 Report

ACT Class of 2009 Summary

	WT	MA
English	21.3	23.9
Math	22.2	24.3
Reading	22.3	24.3
Science	20.8	22.8
Composite	21.9	23.9

College Ready Benchmarks	ACT
English Composition	18
Algebra	22
Social Science	21
Biology	24

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AP
Advanced Placement
2009 Report

AP Courses and Exams Taken, 2009

12 WHS AP courses on site, and 4 from VHS*

Course and number of students enrolled:

Biology	16	Gov & Politics	1*
Calculus AB	12	Physics	2
Chemistry	10	Psychology	9
Computer Sci.	1*	Spanish	7
Econ- Macro	1*	Statistics	25
Econ- Micro	1*	Studio Art 2D	1
English (2)	19	US History	14
European His	14		

AP Highlights

- 77 students took a total of 133 AP exams
- 20% Seniors took AP classes and exams
- 13% Juniors took AP classes and exams
- 95% of students enrolled in AP classes took AP exams
- 81% scored 3 or better
- 46% scored grades of 4 or 5

AP English

- AP Language and Composition (junior year)
 - 93 percent of students scored 3 or higher
 - 50 percent scored 4 or higher
- AP Literature and Composition (senior year)
 - 60 percent of students scored 3 or higher
 - 40 percent scored 4 or higher
- Currently, 40 students are enrolled in two sections of AP English for the 2009-2010 school year.

AP Math

Score	5	4	3	2	1	TOTAL	Avg.	Qualifiers
Calculus AB '09	5	3	3	1	0	12	4.00	11/12
Calculus AB '08	6	5	1	3	0	15	3.93	12/15
Calculus AB '07	4	6	1	2	4	17	3.24	11/17
Statistics 2009	10	5	7	3	0	25	3.88	22/25
Statistics 2008	2	9	0	3	0	14	3.71	11/14
Statistics 2007	15	6	3	0	0	24	4.50	24/24

AP Science

Score	5	4	3	2	1	TOTAL	Avg.	Qualifiers
Chemistry, 2009	0	2	6	1	1	10	2.90	8/10
Chemistry, 2008	7	4	8	5	5	29	3.10	19/29
Chemistry, 2007	3	7	3	6	3	22	3.05	13/22
Biology, 2009	3	3	4	1	5	16	2.88	10/16
Physics B, 2009	0	0	2	0	0	2	3.0	2/2
Physics B, 2008	0	2	0	0	0	2	4.0	2/2

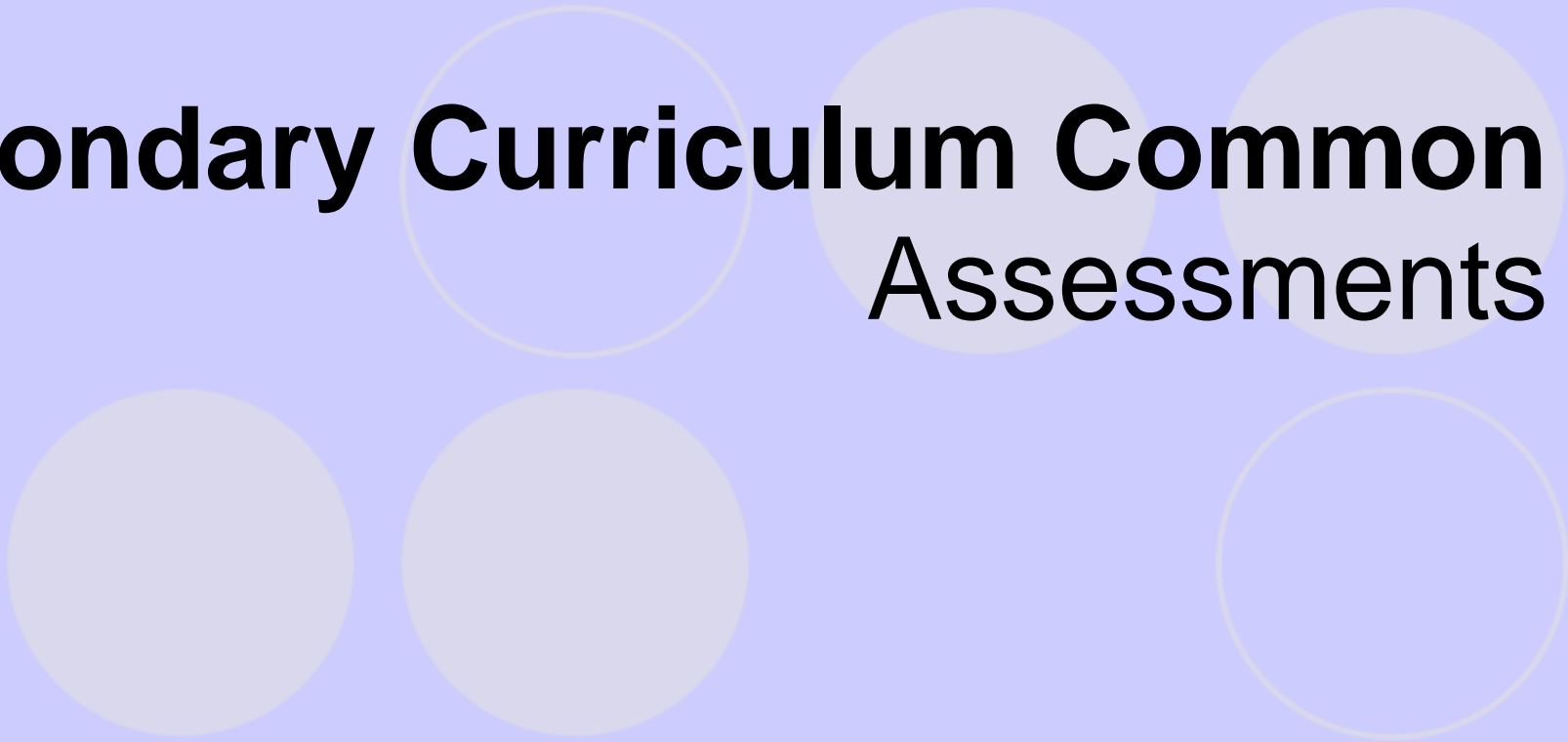
AP History & Psychology

2009	5	4	3	2	1	total	average	qualifiers
US	1	2	7	4	0	14	3.00	10/14
Euro	1	2	7	2	2	14	2.86	10/14
Psy	1	8	0	0	0	9	4.11	9/9

2008	5	4	3	2	1	total	average	qualifiers
US	1	4	2	3	1	11	3.09	7/11
Euro	0	0	4	0	2	6	2.33	4/6
Psy	5	6	6	4	1	22	3.46	17/22

2007	5	4	3	2	1	total	average	qualifiers
US	0	2	6	1	0	9	3.11	8/9
Euro	3	2	2	0	1	8	3.75	7/8
Psy	5	6	2	0	0	13	4.23	13/13

Secondary Curriculum Common Assessments

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Secondary Math Common Assessments

- End of course Common Assessments given to all students in Grades 5-12, and common mid-year exams for grades 9-12.
- Using the Remark scoring program, we are able to analyze question-by-question data, give teachers feedback on their individual classes, their full cohort, and the full grade-level cohort.
- Remark is used for analysis of the mid-term and final exams at the high school. As unit tests begin to align, we will expand the use of the analysis program.

Secondary Math Sample Remark Item Report

3

Response	Frequency	Percent	
* A	9	47.37	
B	0	0.00	
C	8	42.11	
D	2	10.53	
Missing	0	0.00	

4

Response	Frequency	Percent	
A	1	5.26	
* B	13	68.42	
C	1	5.26	
D	4	21.05	
Missing	0	0.00	

5

Response	Frequency	Percent	
A	4	21.05	
* B	15	78.95	
C	0	0.00	
D	0	0.00	
Missing	0	0.00	

6

Response	Frequency	Percent	
A	2	10.53	
* B	5	26.32	
C	11	57.89	
D	1	5.26	
Missing	0	0.00	

7

Response	Frequency	Percent	
A	0	0.00	
B	0	0.00	
C	1	5.26	
* D	18	94.74	
Missing	0	0.00	

8

Response	Frequency	Percent	
A	1	5.26	
B	0	0.00	
* C	17	89.47	
D	1	5.26	
Missing	0	0.00	

Secondary English Common Assessments

- All WHS seniors complete a senior thesis paper.
- Teachers in grades 9-11 are developing a common research thread to provide more standardized development of skills prior to the senior thesis.
- Teachers in grades 6, 7, and 8 use common planning time to develop shared lessons and common formative assessments throughout the year.
- A team of social studies and English teachers in grades 6-12 are beginning to look collaboratively at student work across grades.

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Post High School Plans 2009 Report

Post High School Plans 2009

PLANS	Number of Students	Percent of Class
4-Year Colleges	85	59.4%
2-Year Colleges	29	20.2%
Technical or Other schooling	5	4%
Military	0	0%
Employment	8	5.6%
Prep School	1	0.7%
Year Off	6	4%
Other Post secondary	3	2%
Unknown	6	4.2%

Plans for Higher Education 2000-2009

CLASS OF	NUMBER of STUDENTS	4 YEAR COLLEGE	2 YEAR COLLEGE	OTHER	TOTAL
2000	155	52%	25%	2%	79%
2001	167	63%	20%	0%	83%
2002	161	57%	19%	0%	76%
2003	202	74%	12%	0%	86%
2004	185	58%	19%	3%	80%
2005	158	73%	17%	0%	90%
2006	153	72%	17%	1%	90%
2007	195	75%	16%	1%	92%
2008	192	70%	14%	7%	91%
2009	143	60%	20%	8%	88%



Assessment Part III
Coming next meeting