

STATE	Reading Assessments As of Spring 2006 (Grades 3-8 and high school by 2005-06)	Math Assessments As of Spring 2006 (Grades 3-8 and high school by 2005-06)	Science Assessments As of Spring 2006 (Grade Bands 3-5, 6-9, 10-12 by 2007-08)
Alabama	3-8 and 11 (exit exam)	3-8 and 11 (exit exam)	5 and 7 (by 2008) and 11 (exit exam)
Alaska	3-9 and 10 (exit exam)	3-9 and 10 (exit exam)	4, 8 and 10 (by 2008)
Arizona	3-8 and 10 (exit exam)	3-8 and 10 (exit exam)	4, 8 and Biology end-or-course exam (by 2008)
Arkansas	3-8 and 11 (end-of-course exams)	3-8 and Algebra I and Geometry end-of-course exams	5, 7 and Biology I end-of-course exam (by 2007-08)
California	2-11 and exit exam beginning in 10	2-11 and exit exam beginning in 10	5 and 9-11
Colorado	3-10	3-10	5, 8 and by 2006-07 in grade 10
Connecticut	3-8 and 10	3-8 and 10	5, 8 and 10
Delaware	2-10	2-10	4, 6, 8, 11
District of Columbia	3-8 and 10	3-8 and 10	Not evident
Florida	3-10 (exit exam)	3-10 (exit exam)	5, 8 and 11
Georgia	3-8 and 11 (exit exam) and end-of-course exams in 9-12 (not used for NCLB)	3-8 and 11 (exit exam) and end-of-course exams in 9-12 (not used for NCLB)	3-8 and 11 (exit exam) and end-of-course exams in 9-12 (not used for NCLB)
Hawaii	3-8 and 10	3-8 and 10	5, 7 and 11 (by 2006-07)
Idaho	2-10 (exit exam)	2-10 (exit exam)	5, 7 and 10 (by 2007)
Illinois	3-8 and 11	3-8 and 11	4, 7 and 11
Indiana	3-10 (exit exam) and English II end-of-course exam (not used for NCLB)	3-10 (exit exam) and Algebra I end-of-course exam (not used for NCLB)	5 and 7 (current) and 9 (by 2006-07)
Iowa	Districts required to assess grades 3-8 and 11**	Districts required to assess grades 3-8 and 11**	Districts required to assess grades 5 (by 2007-08), 8 and 11**
Kansas	3-8 and 11	3-8 and 10	4, 7 and 10 (beginning in 2007-08)
Kentucky	3-9 and 10	3-8 and 11	4, 7 and 11
Louisiana	3-10 (exit exam)	3-10 (exit exam)	3-9 and 11 (exit exam)
Maine	3-8 and 11	3-8 and 11	4, 8 and 11
Maryland	3-8 and English 2 (currently end-of-course exam and exit exam in 2009)	3-8 and Algebra and Geometry (currently end-of-course exams and exit exams in 2009)	3, 5, 8 (by 2008) and Biology (currently end-of-course exam and exit exam by 2009)
Massachusetts	3-8 and 10 (exit exam)	3-8 and 10 (exit exam)	5, 8 and high school end-of-course exams
Michigan	3-8 and 11	3-8 and 11	5, 8 and 11
Minnesota	3-8 and 10 (exit exam in 2010)	3-8 and 11 (exit exam in 2010)	5, 8 and Biology end-of-course exam (by 2008)
Mississippi	2-8 and high school (exit and end-of-course exams)	2-8 and high school (exit and end-of-course exams)	5, 8 and high school (exit and end-of-course exams)
Missouri	3-8 and 11	3-8 and 10	3, 7 and 10
Montana	3-8 and 11	3-8 and 11	4, 8 and 11 (by 2007-08)
Nebraska	3-8 and 11***	3-8 and 11***	4, 8 and 11

STATE	Reading Assessments As of Spring 2006 (Grades 3-8 and high school by 2005-06)	Math Assessments As of Spring 2006 (Grades 3-8 and high school by 2005-06)	Science Assessments As of Spring 2006 (Grade Bands: 3-5, 6-9, 10-12 by 2007-08)
Nevada	3-8 and high school exit exam beginning in 10	3-8 and high school exit exam beginning in 10	5, 8 and 10 (by 2006-07 and exit exam as of 2009)
New Hampshire	3-8 and 10 (until 2005-06, then new grade 11 exam)	3-8 and 10 (until 2005-06, then new grade 11 exam)	6 and 10 (current) 4, 8 and 11 (new exam by 2007-08)
New Jersey	3-8 and 11 (exit exam)	3-8 and 11 (exit exam)	4, 8 and 11 (by 2006-07 and as exit exam)
New Mexico	3-9 and 10 (exit exam, not used for NCLB) and 11	3-9 and 10 (exit exam, not used for NCLB) and 11	3-9 and 11 (in 2007-08)
New York	3-8 and high school Regents Exam (end-of-course exams)	3-8 and high school Regents Exam (end-of-course exams)	4, 8 and high school Regents Exam (end-of-course exams)
North Carolina	3-8 and English I end-of-course exam (exit exam in 2010) and Writing (grade 10)	3-8 and Algebra I (exit exam in 2010) and other end-of-course exams 9-12 (not used for NCLB)	5, 8 (in 2006-07) and 9-12 (end-of-course exams; Biology 1 will be exit exam in 2010)
North Dakota	3-8 and 11	3-8 and 11	4, 8 and 11 (by 2007-08)
Ohio	3-8 and 10 (exit exam as of 2007)	3-8 and 10 (exit exam as of 2007)	5, 8 and 10 (exit exam as of 2007)
Oklahoma	3-8 and English II end-of-course exam	3-8 and Algebra I end-of-course exam	5, 8 and Biology end-of-course exam
Oregon	3-8 and 10	3-8 and 10	5, 8 and 10
Pennsylvania	3-8 and 11	3-8 and 11	Proposed for grades 4, 7 and 10 ****
Rhode Island	3-8 and 11	3-8 and 11	4, 8 and 11 (by 2007-08)
South Carolina	3-8 and high school exit exam beginning in 10 (end-of-course exams also offered, but not used for NCLB)	3-8 and high school exit exam beginning in 10 (end-of-course exams also offered, but not used for NCLB)	3-8 and Physical Science, Biology I/ Applied Biology 2 end-of-course exams
South Dakota	3-8 and 11 (augmented NRT) and 3, 6 and 10 (online CRT exam, not used for NCLB)	3-8 and 11 (augmented NRT) and 3, 6 and 10 (online CRT exam, not used for NCLB)	3-8 and 11 (augmented NRT by 2007) and 3, 6 and 10 (online CRT exam, not used for NCLB)
Tennessee	3-8 and English II (end-of course and exit exam); English I offered, but not used for NCLB	3-8 and Algebra I (end-of course and exit exam); other end-of-course exams offered, but not used for NCLB	3-8 and Biology (end-of course and exit exam); Physical Science offered, but not used for NCLB
Texas	3-9 (reading) and 10 (English language arts) and 11 (exit exam, not used for NCLB)	3-10 and 11 (exit exam, not used for NCLB)	5, 8, 10 and 11 (exit exam, not used for NCLB)
Utah	1-11 and exit exam in 10 (not used for NCLB)	1-7; end-of-course for 8-12; and exit exam in 10 (not used for NCLB)	4-6; 7-8 (integrated science) and high school end-of-course exams
Vermont	3-8 and 10	3-8 and 10	5, 9 and 11
Virginia	3-8 and high school end-of-course and exit exams	3-8 and high school end-of-course and exit exams	3, 5, 8 and high school end-of-course and exit exams
Washington	3-8 and 10 (exit exam)	3-8 and 10 (exit exam)	5, 8 and 10
West Virginia	3-8 and 10	3-8 and 10	3-8 and 10
Wisconsin	3-8 and 10	3-8 and 10	4, 8 and 10 (by 2006-07)
Wyoming	3-8 and 11	3-8 and 11	4, 8 and 11

COLORADO DEPARTMENT OF EDUCATION; FY 08-09 BUDGET REQUEST; ASSUMPTIONS AND CALCULATIONS

The Federal *No Child Left Behind Act*, passed by Congress in December 2001, required Colorado to implement four new assessments: mathematics assessments for third grade and fourth grade students; a science assessment for third, fourth or fifth grade students (Colorado chose fifth grade); and a science assessment for tenth, eleventh, or twelfth grade students (Colorado chose tenth grade). Pursuant to H.B. 03-1306 [Section 22-7-409 (1) (g), C.R.S.], the Department was required to develop and administer these four new assessments if the State received sufficient moneys from the federal government through the *No Child Left Behind Act*. The following table provides a summary of the assessments administered pursuant to state law, and those now required by federal law.

Grade	Colorado Student Assessment Program	Federal Requirements	Existing Assessments Not Required by Federal Law
3	Reading writing math	reading math	writing
4	Reading writing math	reading math	writing
5	Reading writing math science	reading math science (in grades 3, 4, or 5)	writing
6	Reading writing math	reading math	writing
7	Reading writing math	reading math	writing
8	Reading writing math science	reading math science (in grades 6, 7, 8, or 9)	writing
9	Reading writing math	reading math	reading writing math
10	Reading writing math science	Reading math science (in grades 10, 11, or 12)	writing
11	ACT		ACT

SB 185
 Supplementals 08-09
 APPROPRIATION FROM

ITEM & SUBTOTAL	TOTAL	GENERAL FUND	GENERAL FUND EXEMPT	CASH FUNDS	REAPPROPRIATED FUNDS	FEDERAL FUNDS
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(C) Assessments and Data Analyses

Colorado Student Assessment Program	20,312,396	15,719,422	(5.0 FTE)			4,592,974*
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Federal Grant for State Assessments and Related Activities	2,140,496					2,140,496*
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Longitudinal Analyses of Student Assessment Results	286,732	286,732	(3.0 FTE)			(5.7 FTE)
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(D) State Charter School Institute

Colorado K-12 Education: An overview (Data from 2006-07)

Increase in Colorado students identified with "special needs."

- At-risk:** 29% of students are eligible for free lunch (218,571).
A 52% increase since 2001-02 (143,498).
- Special Ed:** 11% of students have disabilities requiring special services (83,121).
A 6% increase since 2001-02 (78,334).
- ELPA:** 9.5% of students are learning English as a second language (71,582).
A 95% increase since 2001-02 (36,756).

Total student enrollment continues to increase in Colorado.

- Colorado's 178 district enrollment from 2005-06 to 2006-07 increased 11,700 students which is equivalent in size to the 17th largest district in the state.

Colorado per pupil spending falls \$1,036 short of the national average.

- Colorado's per pupil spending is \$8,521.
- The national average for per pupil spending is \$9,557.

Colorado invests less income in education than the national average.

- Revenue directed to Colorado K-12 education is equal to 3.12% of personal income.
- Revenue directed to K-12 education nationally is equal to 4.15% of personal income.

Colorado teachers' earnings are \$4,985 less than the national average.

- The average Colorado teacher salary is \$45,831.
- The average national teacher salary is \$50,816.
(Note: This is the average salary, not a base salary.)

Colorado teachers' years of experience continues to decrease.

- In 1993, Colorado teachers averaged 13 years of experience.
- Colorado teachers average years of experience:
2002 – 10.96 yrs 2006 – 9.10 yrs 2007 – 8.97 yrs

Profile data compiled by Augenblick, Palaich & Associates, 2006-07 data
Source: Colorado Department of Education

NCSL cost estimates. NCSL provides estimates of the annual cost to states of some federal programs that it considers unfunded mandates and cost shifts. NCSL is unable to identify a cost for every federal program that it identifies as an individual mandate or cost shift, thus the annual estimates represent the minimum amount of the funding gap to states for federal policies it considers to be cost shifts. For FY 2007-08, NCSL estimated \$34 billion in costs for states from federal mandates and cost shifts, while it estimated \$27 billion in FY 2006-07.

Estimate of federal unfunded mandate and cost shifts for Colorado. Both NCSL and the CBO indicated that it would be extremely difficult to identify the cost of every single federal mandate and cost shift impacting Colorado because there are likely many federal policies that could be determined to cause additional costs for states. Also, in many cases, it would be difficult to quantify the state's cost of implementing federal policies. Finally, as noted earlier, which federal policies or programs should be counted as imposing or requiring additional costs for states is subject to debate.

Table 1 provides unfunded cost estimates for FY 2007-08 for select programs that NCSL has classified as unfunded mandates and cost shifts specific to Colorado. It is important to reiterate that the table identifies only selected federal programs or provisions affecting Colorado that NCSL could identify an unfunded cost for.

Table 1: NCSL's Estimated Funding Gap for Federal Programs Affecting Colorado for FY 2007-08

Federal Program	Estimated Impact
Underfunding to Implement No Child Left Behind	\$118.3 Million
Cap on Funding for State Administration of Food Stamps Program	2.3 Million
Individuals with Disabilities Act	111.0 Million
Clean Water State Revolving Fund (used for compliance with clean water mandates)	3.2 Million
Total Funding Gap	\$234.8 Million

Source: National Conference of State Legislatures

* This cap is one of the ten federal policies that was determined to be an unfunded mandate and that the CBO was required to provide an estimated cost for under the provisions of UMRA.

State Legislation on Federal Unfunded Mandates

States legislatures have a long history of debating resolutions and other measures that address federal unfunded mandates. Many of these measures were debated in the early 1990s and assert rights of a state under the Tenth Amendment to the U.S. Constitution in terms of the scope of federal power granted by the U.S. Constitution. Some of the measures point out that the scope of power defined by the Tenth Amendment means that the federal government was created by the states to be an agent of the states; but over time, the states are now treated as agents of the federal government. Additionally, these measures maintain that many federal mandates are directly in violation of the Tenth Amendment to the U.S. Constitution.

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SUMMARY OF APPROPRIATIONS

	State of Colorado General Fund	State FTE	Cash Funds Exempt	FTE	Federal Gov't Funds	Federal FTE
Colorado Student Assessment Program	\$15,709,849				\$6,061,491	(6.0 FTE)
Federal Grant for State Assessments & Related Activities					\$601,154	(7.0 FTE)
School Accountability Reports & State Data Reporting System	\$1,308,453	(3.0 FTE)				
Longitudinal Analyses of Student Assessment Results	\$277,124	(2.0 FTE)				
Special Education - Children with Disabilities	\$73,852,376		\$16,478,950	(.05 FTE)	\$152,513,360	(54.4 FTE)
English Language Proficiency Program	\$4,657,644		\$1,475,253		\$11,277,872	(4.6 FTE)
Distribution of State Assistance for Vocational Education	\$18,349,048		\$2,286,874			
Special Education - Gifted and Talented Children	\$7,050,000		\$758,744			
Expelled and At-Risk Student Services Grant Program	\$5,788,807		\$496,364			
Read-to-Achieve Cash Fund			\$4,369,567			

SUMMARY OF APPROPRIATIONS

Read-to-Achieve Grant Program				\$4,369,567			
Federal Title I Reading First Grant					\$10,878,225		(9.0 FTE)

An Overview of Testing: Types, Time, and Costs

Time Commitment to Testing

Most Colorado students are spending at least a dozen hours per year on CSAP, NAEP, ACT, and selected other district academic assessments. 8th grade students spend the most time on tests (17.5 hours per pupil per year on average) and K, 1, and 11th grade students the least (2 hours per pupil per year for K-1 and 3 hours per pupil per year for 11th grade students). On average, 5th and 8th graders are spending just under 2% of the total hours they are required to be in school per year on testing. The CSAP tests are the most time consuming of all of the tests examined. Table 1 provides more detailed information about the hours spent on selected tests per year by grade.

Not included in these estimates are the hours spent testing students with special needs or the time spent by adults developing, administering, and analyzing tests. The amount of time spent in test preparation often is greatest for students in poor performing schools—time that would otherwise be spent on instruction.

Table 1: Hours spent on selected tests per year

	K	1	2	3	4	5	6	7	8	9	10	11	12	Total Hours
CSAP				6	9	12	9	9	12	9	12			78
NAEP					1.5				1.5				1.5	4.5
MAP			4	4	4	4	4	4	4	4				32
Basic Literacy	2	2	2	2										8
CO ACT												3		3
Total per pupil	2	2	6	12	14.5	16	13	13	17.5	13	12	3	1.5	125.5

Cost of Tests

At the state and local levels, Colorado spends an estimated \$54.59 per year per pupil (across grades 2-11) on selected summative, formative, and interim tests. The grades with the least amount spent on testing were 2nd and 11th, with the amount spent in the other grades about the same (approximately \$64 per pupil). Tables 2 and 3 provide aggregated and estimated per pupil costs for selected tests.

An Overview of Testing: Types, Time, and Costs

Table 2: Cost (amount spent on selected tests annually)

	Total amount spent annually	Approximate cost per pupil	Required by
CSAP	In 2005, nearly \$25 million was spent on CSAP in CO (\$9 million came from the US DOE).	\$52.43 (grades 3-10)	State, Federal
NAEP	Approximately \$93 million was budgeted for the NAEP (nationally) in 2006 and over 930,000 students took the test (total from grades 4,8,12)	\$100 (no cost to state)	Federal Government
MAP	\$2300 (Ouray), \$95,000 (Littleton)	\$10-14	District/school
Successmaker	\$1100 per license (one license serves approx. 10 kids per week). An average school has 300 kids per week using 30 licenses at a cost of \$33,000 per year	\$110	District/school
DPS Benchmark	\$900,000	\$12	District
Basic Literacy	Set-up licensing fee (DPS spent \$350/ K-5 student). After this licensing fee, subsequent costs are for personnel time spent administering and scoring the test.	Personnel-related	District
CO Act	\$1.6 million (approximately)	\$29	State

Table 3: Statewide cost estimates of selected tests per grade

	2	3	4	5	6	7	8	9	10	11	Total Estimated Cost
CSAP		\$2,998,944	\$2,996,427	\$2,994,277	\$3,023,848	\$3,094,523	\$3,143,074	\$3,347,184	\$3,145,485		\$24,743,762
CO ACT										\$1,600,000	\$1,600,000
MAP	\$723,696	\$709,512	\$694,512	\$694,869	\$694,116	\$700,440	\$713,316	\$775,836			\$5,706,288
Total	\$723,696	\$3,708,456	\$3,690,939	\$3,689,137	\$3,717,964	\$3,794,963	\$3,856,390	\$4,123,020	\$3,145,485	\$1,600,000	\$32,050,050
Total per pupil	\$12.33	\$64.83	\$64.58	\$64.60	\$64.47	\$64.30	\$64.33	\$64.58	\$52.43	\$29.43	\$54.59

CTB/McGraw Hill, LLC
Budget for the CSAP Program for Period 7/1/06 through 6/30/07

Services	Price per Student	Price per Test	# of Tests/ Students	Original Budget
1 CSAP Assessment Program Services				
- Based on 479,055 students and calculated on 3* tests totaling 1,437,165 tests for year 1 (SFY07). (*reading, writing, and mathematics)				
-plus Science tests (177,712) for a total of 1,614,877 tests.				
a) Development of assessment materials (includes on-going development)	\$ 0.00	\$ 1.04	1,614,877	\$ 1,679,472.00
b) Production: assembly of test materials	\$ -	\$ 0.64	1,614,877	\$ 1,033,521.00
c) Manufacturing: printing and distribution of assessment materials	\$ 9.77	\$ -	479,055	\$ 4,680,367.00
d) Test administration: training of State and School District testing staff	\$ 0.00	\$ 0.47	1,614,877	\$ 758,992.00
e) Scoring and Reporting of the assessment (includes collection of tests)	\$ 19.50	\$ -	479,055	\$ 9,341,573.00
f) Post Test Management: analysis or data and reporting	\$ 0.00	\$ 0.35	1,614,877	\$ 565,207.00
3. Total Budget				\$ 18,059,132.00
				**
4. Total Contract to Date				\$ 18,059,132.00
for the period of July 1, 2006 through June 30, 2007				

*Note: cost for Spanish components:
 Grades 3 and 4 Reading and Writing with existing forms
 (no new development), \$511,214 per year.*



Colorado
Legislative
Council
Staff

Room 029 State Capitol, Denver, CO 80203-1784
(303) 866-3521 FAX: 866-3855 TDD: 866-3472

MEMORANDUM

Pursuant to section 24-72-202(6.5)(b), research memoranda and other final products of Legislative Council Staff research that are not related to proposed or pending legislation are considered public records and are subject to public inspection. If you think additional research is required and this memorandum is not a final product, please call the Legislative Council Librarian at (303) 866-4011 by January 19, 2007.

January 12, 2007

TO: Representative Judy Solano
FROM: Jamila Rockette, Senior Research Assistant, (303) 866-3140
SUBJECT: Costs to Administer and Score Colorado Student Assessment Program Tests

This memorandum responds to your request for information on the costs to administer and score: the Colorado Student Assessment Program (CSAP) writing test - statewide; all CSAP tests for 10th graders; and a pre-collegiate achievement examination for all 10th graders. Currently, students in the 10th grade take assessments in reading, writing, math, and science.

Costs for administering and scoring CSAP tests. According to the Colorado Department of Education (CDE), costs to administer the CSAP test are not segregated by grade level. Instead, the contractor, CTB-McGraw Hill, provides general costs for:

• Development and assessment of materials	\$1,679,472
• Production and assembly of test materials	1,033,521
• Manufacturing, printing, and distribution of assessment materials	4,680,367
• Test administration (including training of state and school district testing staff)	758,992
• Scoring and reporting of the assessment; and	9,341,573
• Post-test management (analysis of data and reporting)	565,207
Total	\$18,059,132

However, based on estimates from the Joint Budget Committee (JBC) staff, the FY 2006-07 per pupil costs for the assessments, reflected in the components listed above, are approximately \$11 per assessment. Therefore:

- costs for all CSAP *writing* assessments statewide are estimated to be **\$5 million** (\$11 per test x 456,000 students taking the writing assessment); and
- estimated costs for all four CSAP assessments administered to all 10th graders statewide are estimated to be **\$2.6 million** (\$11 per test x 4 content areas x 60,000 10th graders taking all four assessments).

You also inquired about the estimated cost of developing and administering a pre-collegiate achievement examination. Currently, 11th grade students take the ACT examination.

FY 2006-07 costs for administering and scoring a pre-collegiate achievement examination. The FY 2006-07 appropriation for the ACT, Inc. contract is \$1,545,261. According to the JBC, this works out to about \$29 per student. However, costs for providing the ACT are based on the number of projected students. Therefore, the cost for providing a similar assessment to 10th graders would be based on the projected number of 10th graders taking the test. This is estimated to be 60,000 students. It appears the cost to provide a pre-collegiate achievement exam to all 10th graders would be approximately **\$1.74 million** (\$29 per test x 60,000 10th graders).

The following table provides the FY 2006-07 appropriation for the CSAP.

2006-07 Colorado Student Assessment Program Appropriation (CSAP)	
CTB-McGraw Hill Contract*	18,059,132
CTB-McGraw Hill Contract for Colorado English Language Assessment	1,741,158
ACT, Inc. Contract	1,545,261
Funding for 6.0 Full Time Employees	425,789
Total CSAP Appropriation	\$21,771,340
	General Funds \$15,709,849
	Federal Funds \$6,061,491

Source: Joint Budget Committee

*This contract does not include Colorado Student Assessment Program-Alternative assessments for children with disabilities. These assessments are funded with federal special education funds.

administrative only - no classroom # for proficiency help

Estimated Costs of Administering CSAP		Projected Budget Cuts 09
Adams 12	\$60,000	\$3.5 million (\$16 m previous 2 yrs)
Douglas Co.	\$50,000	\$37 million
Jeffco	\$62,000	\$30 million
Cherry Creek	\$45,000	\$6.5 million
Mesa Co.	\$25,000	\$2.7 million
Greeley	\$5,000	\$5 million
Lewis-Palmer	\$24,000	\$2.4 million (\$2.8 next yr)
Moffat Co.	\$30,000	\$700,000
Thompson	\$42,000	\$4.5 million
Salida	\$20,892	\$250,000
Pawnee	?	\$60,000
Elizabeth	?	\$400,000
Eagle	\$30,000	?
Aurora	\$22,675	?
Academy	\$23,000	?
Harrison	\$80,000	?
Fountain/Ft. Carson	?	\$500,000

Appendix A: List of Pre-qualified Vendors for the PWRA Pilot

Grade 8	Grade 9	Grade 10	Grade 11
ReadStep		PSAT	PSAT/SAT
EXPLORE	EXPLORE	PLAN	COACT
MAPS	MAPS	MAPS	MAPS
SCANTRON	SCANTRON	SCANTRON	SCANTRON
	TABE	TABE	TABE
	ASVAB	ASVAB	ASVAB

<p>ASVAB</p> <p>Grades 9, 10, 11</p>		<p>Description:</p> <p>The Armed Services Vocational Aptitude Battery is the most widely used multiple-aptitude test battery in the world. As an aptitude test, the ASVAB measures student strengths, weaknesses, and potential for future success. The ASVAB also provides students with career information for various civilian and military occupations and is an indicator for success in future endeavors whether students choose to go to college, vocational school, or a military career</p>		<p>Assessment Includes:</p> <p>The ASVAB assessment is one part of the ASVAB Career Exploration Program which provides students with comprehensive information for career exploration and planning. In addition to the multiple aptitude battery that evaluates students' skills and, the program offers an interest inventory to help student identify potentially satisfying careers.</p> <p>The tests include general science, arithmetic reasoning, word knowledge, paragraph comprehension, mathematics knowledge, electronics information, auto and shop information and mechanical comprehension.</p> <p>Students learn how to use scores along with the career exploration guide, and how to improve academic performance.</p>	
<p>Administration mode</p> <p>Paper Pencil</p>	<p>Administration Window</p> <p>Year-round</p>	<p>Time required for administration</p> <p>2 hrs 40 minutes to 3 hours for all sections</p>	<p>Turnaround time for results</p> <p>Approximately 2 weeks</p>	<p>Cost</p> <p>No cost</p>	<p>Contact Information:</p> <p>Denver Education Services Specialist Lidoro Maestas 1-800-323-0513 (303) 623-1020 x229</p>

code



UNIT OF STUDENT ASSESSMENT

EXPLORE (ACT) Grades 8/9	Description: The EXPLORE® program is designed to help 8th and 9th graders explore a broad range of options for their future. EXPLORE prepares students not only for their high school coursework, but for their post-high school choices as well. It marks an important beginning for a student's future academic and career success.			Assessment Includes: EXPLORE is part of a series of curriculum based assessments called the EPAS system. This assessment includes tests in English, reading, math and science. EXPLORE identifies key educational and career planning components by incorporating a Needs Assessments that collects information about students perceived needs, coursework plans, and educational and career plans after high school. Students also complete an interest inventory to help students explore relevant career options.		
	Administration mode Paper pencil	Administration Window No designated window	Time required for administration Approximately 3 hours (this includes the needs assessment and Interest inventory).	Turnaround time for results 15 days from the receipt of answer documents	Cost \$6.84 per student (accommodated test materials are additional)	Contact Information: Levia Nahary ACT West Regional Office Suite 218 3131 S. Vaughn Way Aurora, CO 80014 Ph: 303-337-3273

∞ CODE



UNIT OF STUDENT ASSESSMENT

PLAN (ACT) Grades 8/9	Description: The PLAN® program helps 10th graders build a solid foundation for future academic and career success and provides information needed to address school districts' high-priority issues. It is a comprehensive guidance resource that helps students measure their current academic development, explore career/training options, and make plans for the remaining years of high school and post-graduation years.			Assessment Includes: PLAN is part of a series of curriculum based assessments called the EPAS system. The assessment includes test in English, reading, mathematics and science. Students complete the UNI/ACT Interest Inventory as part of Key Educational and Career Planning Components. Relevant college scholarship information is provided as apart of the Educational Opportunity Service.		
	Administration mode Paper pencil	Administration Window No designated window	Time required for administration Approximately 3 hours (this includes the interest inventory and).	Turnaround time for results 15 days from the receipt of answer documents	Cost \$6.84 per student (accommodated test materials are additional)	Contact Information: Levia Nahary ACT West Regional Office Suite 218 3131 S. Vaughn Way Aurora, CO 80014 Ph: 303-337-3273

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UNIT OF STUDENT
ASSESSMENT

MAP (NWEA) Grades 8/9, 10, 11, 12	Description: Measures of Academic Progress (MAP) are state-aligned computerized adaptive tests that accurately reflect the instructional level of each student and measure growth over time. The assessment itself is unique in that it adapts to the student's ability, accurately measuring what a child knows and needs to learn. In addition, MAP tests measure academic growth over time, independent of grade level or age. Most importantly, the results educators receive have practical application to teaching and learning.			Assessment Includes: Longer tests for each subject (math, reading and language usage) provide an overall RIT (Rausch Unit Score) along with scores in each goal performance area. The science assessment is a combined long form that assesses both general science and science concepts and processes.		
Administration mode	Administration Window	Time required for administration	Turnaround time for results	Cost	Contact Information:	
Online	Typically administered in fall, winter, and spring as a formative assessment. End-of-Course tests for Algebra I & II, Geometry, and Integrated Math I, II, & III.	Untimed assessments (need approximately 55 minutes)	Preliminary results available immediately after administration, dynamic reports can take up to one week after results are uploaded to NWEA	\$15,000 (administration up to 4 times per year) \$3,200 start up fee (includes training)	Eric Newton NWEA Partner Relations Representative for Colorado eric.newton@nwea.org (503) 624-1951.	

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UNIT OF STUDENT ASSESSMENT

Performance Series (Scantron) Grades 8/9, 10, 11	Description: Performance Series from Scantron is a computer-adaptive test that quickly pinpoints the proficiency level of students, across a range of subjects that correspond with the specific standards of the state. Scantron's solution combines a research-based, content-rich computer adaptive test known as Performance Series and a content-neutral, highly flexible testing product known as Achievement Series that educators use to develop and administer online and paper-based tests.			Assessment Includes: Assessments developed to align with Colorado Frameworks and blueprints in Math, Reading and Science (General assessment and/or scientific reasoning). Scantron does make available parent/student booklets, training pamphlets, and e-learning modules for teachers.		
	Administration mode Online, paper –pencil or combination	Administration Window Mid-April Mid-September	Time required for administration 60 minutes for each content area	Turnaround time for results Immediate once assessment is completed	Cost \$6 per student (includes twice yearly administration) \$2500 one time training	Contact Information: Martin Winn Martin_Winn@scantron.com Cell: 4806122520 or Leslie_arnold@scantron.com

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Read/Step (CollegeBoard) Grades 8	Description: The Read/Step is a low-stakes middle school assessment that provides teachers with early feedback to help students identify the skills they need to be college ready. The assessment was developed jointly between CollegeBoard and middle school teachers as well as other education experts. The results provide information on skills students currently possess, and those they need to develop as well as information on how to develop those skills.			Assessment Includes: The Read/Step is a new assessment that examines critical reading, writing skills and mathematics. A separate science assessment must be included as part of the pilot.		
	Administration mode Paper-pencil	Administration Window 2 week window (Fall or spring)	Time required for administration 120 minutes (reading writing and mathematics) **additional time required for science	Turnaround time for results 3-4 weeks after materials are received	Cost Approx \$8.00 Science is additional	Contact Information: Stephen McCue K-12 Manager College Board Western Regional Office The College Board 2099 Gateway Place Suite 550 San Jose, CA 95110 smcque@collegeboard.org 408 367 1426

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UNIT OF STUDENT
ASSESSMENT

PSAT (CollegeBoard) Grades 10, 11	Description: The Preliminary SAT®/National Merit Scholarship Qualifying Test is a co-sponsored program by the College Board and National Merit Scholarship Corporation. PSAT/NMSQT stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It's a standardized test that provides firsthand practice for the SAT Reasoning Test™. It also gives students a chance to enter National Merit Scholarship Corporation scholarship programs			Assessment Includes: The focus of this test is on measuring critical thinking skills necessary for postsecondary success. Items ask students to reason with facts and concepts instead of recalling specific information. The assessment includes tests of critical reading, writing and mathematics. Both multiple choice and constructed response item types are used. Includes an online career planning tool that provides a score report, a study plan, college matches and major and career matches. SAT Subject Tests for Biology, chemistry or physics are given as separate tests.		
	Administration mode Paper pencil	Administration Window Specific assessment dates in the fall	Time required for administration 2 hours 10 minutes One hour additional for science test	Turnaround time for results Approximately 6 weeks after test administration	Cost Approx \$13.00 Science is an additional \$27.10	Contact Information: Stephen McCue K-12 Manager College Board Western Regional Office The College Board 2099 Gateway Place Suite 550 San Jose, CA 95110 smccue@collegeboard.org 408 367 1426

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UNIT OF STUDENT
ASSESSMENT

SAT
(CollegeBoard)

Grades
11

Description: The SAT Reasoning Test is the nation's most widely used admissions test among colleges and universities. It tests students' knowledge of subjects that are necessary for college success: reading, writing, and mathematics. The SAT assesses the critical thinking skills students need for academic success in college—skills that students learned in high school. The SAT is one of the best predictors of how well students will do in college.		Assessment Includes: The SAT assess academic skills students learn in the classroom and how well they apply that knowledge, critical thinking, problem solving and communication skills, and a student's ability to articulate coherent argument and express a point of view. The SAT includes multiple choice questions, student produced response as well as an essay question. There are many free resources available on the online SAT Preparation Center. SAT Subject Tests for Biology, chemistry or physics are given as separate tests.			
Administration mode	Administration Window	Time required for administration	Turnaround time for results	Cost	Contact Information:
Paper pencil	Seven times per year	Three hours and 45 minutes One hour additional for science	20 days to five weeks	\$40.50 Science is an additional \$27.10	Stephen McCue K-12 Manager College Board Western Regional Office The College Board 2099 Gateway Place Suite 550 San Jose, CA 95110 smccue@collegeboard.org 408 367 1426

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UNIT OF STUDENT
ASSESSMENT

TABE Grades 9, 10, 11	Description: TABE stands for Tests of Adult Basic Education and is produced by CTB McGraw-Hill. The complete battery contains tests of reading, mathematics and language with science as a stand alone assessment and is appropriate for grades 9-11. TABE is used by adult basic education programs, business and industry and high schools across the county. It assists in determining the skills of applications and employees.			Assessment includes: TABE goes beyond assessing specific skills to include higher order thinking by assessing a students use of specific knowledge in its application. It mirrors curricula used in high schools and adult education programs. Subtests include Reading, Mathematics, and Language. Science is a separate, stand alone assessment.		
Administration mode	Administration Window	Time required for administration	Turnaround time for results	Cost	Contact Information:	
Paper pencil or online	Fall	Approximately 3 hours – science will require additional time.	Immediate for online, Paper-pencil turnaround is dependent on school scan and score schedule.	From approximately \$6 to \$9 TestMate for online \$3406.00	Gail Carpenter CTB/McGraw-Hill Office: 303-674-3418 Gail_carpenter@ctb.com	

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UNIT OF STUDENT
ASSESSMENT

