



Menu of College and Career-Ready Demonstrations

Local school boards establish high school graduation requirements that meet or exceed the Colorado Graduation Guidelines for the graduating class of 2021.

Local school boards and districts select from this menu to create a list of options that their students must use to show what they know or can do in order to graduate from high school, beginning with the graduating class of 2021. School districts may offer some or all of the state menu options, may raise a cut score on an included assessment and may add graduation requirements in other content areas.

Graduation Guidelines begin with the implementation of: Individual Career and Academic Plans (ICAP), Colorado Academic Standards for all content areas including Civics and 21st Century Essential Skills.

Students must demonstrate college or career readiness in English and math based on at least one measure.

Districts have the authority to adapt the college and career demonstrations necessary to earn a standard high school diploma to accommodate for: English learners, gifted student and students with disabilities.

MENU OF OPTIONS: This menu lists the minimum scores required.

ACCUPLACER

	ENGLISH	MATH
Classic	62 on Reading Comprehension OR 70 on Sentence Skills	61 on Elementary Algebra
Next Generation	241 on Reading OR 236 on Writing	255 on Arithmetic (AR) OR 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)

ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic background, goals and interests, are used by academic advisors and counselors to place students in college courses that match their skill levels.

ACT

ENGLISH	MATH
18 on ACT English	19 on ACT Math

ACT is a national college admissions exam. It measures four subjects – English, reading, math and science. The highest possible score for each subject is 36.

ACT WorkKeys – National Career Readiness Certificate

ENGLISH	MATH
Bronze or higher	Bronze or higher

ACT WorkKeys is an assessment that tests students' job skills in applied reading, writing, mathematics and 21st century skills. Scores are based on job profiles that help employers select, hire, train, develop and retain a high-performance workforce. Students who score at the bronze level (at least 3) in applied mathematics, mapping and reading earn the ACT's National Career Readiness Certificate.

Advanced Placement

ENGLISH	MATH
2	2

AP exams test students' ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 to 5 (highest).

ASVAB

ENGLISH	MATH
31 on the AFQT	31 on the AFQT

The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.

Concurrent Enrollment

ENGLISH	MATH
Passing grade per district and higher education policy	Passing grade per district and higher education policy

Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. School districts and institutions of higher education each determine passing grades for credit and concurrent enrollment. An eligible concurrent enrollment course is 1) the prerequisite directly prior to a credit-bearing course or 2) a credit-bearing course.

District Capstone

ENGLISH	MATH
Individualized	Individualized

A capstone is the culminating exhibition of a student's project or experience that demonstrates academic and intellectual learning. Capstone projects are district determined and often include a portfolio of a student's best work.

Industry Certificate

ENGLISH	MATH
Individualized	Individualized

Industry certificates are credentials recognized by business and industry. They are district determined, measure a student's competency in an occupation and they validate a knowledge base and skills that show mastery in a particular industry.

International Baccalaureate (IB)

ENGLISH	MATH
4	4

IB exams assess students enrolled in the official IB Diploma Programme. Courses are offered only at authorized IB World Schools. Scores range from 1 to 7 (highest).

SAT: Scores updated for new SAT (2016)

ENGLISH	MATH
470	500

The SAT is a college entrance exam that is accepted or required at nearly all four-year colleges and universities in the U.S. The current SAT includes sections on reading, writing and math. The highest possible score for each section is 800.

Collaboratively developed, standards-based performance assessment

ENGLISH	MATH
State-wide scoring criteria	State-wide scoring criteria

(In development)

PUBLIC JANE Q
 11th Gr Female (Form 23A)
 SSN: XXX-XX-0534
 Test Date: Mar 8, 2005
 Any School H.S.:
 City.....ST

Counselor Code:XXX

Print No.:XXXXX

ASVAB SUMMARY RESULTS

ASVAB Results	Percentile Scores			11th Grade Female Standard Score Bands	11th Grade Standard Score
	11th Grade Females	11th Grade Males	11th Grade Students		
Career Exploration Scores					
Verbal Skills	62	64	63		55
Math Skills	44	45	45		46
Science and Technical Skills	66	43	54		51
ASVAB Tests					
General Science	56	43	49		49
Arithmetic Reasoning	36	34	35		44
Word Knowledge	75	74	75		57
Paragraph Comprehension	44	56	50		51
Mathematics Knowledge	49	56	53		48
Electronics Information	77	52	65		53
Auto and Shop Information	68	35	51		48
Mechanical Comprehension	76	48	62		52
Military Entrance Score (AFQT)	39				

MILITARY ENTRANCE SCORES

The **Military Entrance Score** (also called AFQT, which stands for the Armed Forces Qualification Test) is the score used to determine your qualifications for entry into any branch of the United States Armed Forces or the Coast Guard. The **Military Entrance Score** predicts in a general way how well you might do in training and on the job in military occupations. Your score reflects your standing compared to American men and women 18 to 23 years of age.

USE OF INFORMATION

Personal identity information (name, social security number, street address, and telephone number) and test scores will not be released to any agency outside of the Department of Defense (DoD), the Armed Forces, the Coast Guard, and your school. Your school or local school system can determine any further release of information. The DoD will use your scores for recruiting and research purposes for up to two years. After that the information will be used by the DoD for research purposes only.

EXPLANATION OF YOUR ASVAB PERCENTILE SCORES

Your ASVAB results are reported as percentile scores in the three highlighted columns to the left of the graph. Percentile scores show how you compare to other students - males and females, and for all students - in your grade. For example, a percentile score of 65 for an 11th grade female would mean she scored the same or better than 65 out of every 100 females in the 11th grade.

For purposes of career planning, knowing your relative standing in these comparison groups is important. Being male or female does not limit your career or educational choices. There are noticeable differences in how men and women score in some areas. Viewing your scores in light of your relative standing both to men and women may encourage you to explore areas that you might otherwise overlook.

You can use the **Career Exploration Scores** to evaluate your knowledge and skills in three general areas (Verbal, Math, and Science and Technical Skills). You can use the **ASVAB Test Scores** to gather information on specific skill areas. *Together, these scores provide a snapshot of your current knowledge and skills.* This information will help you develop and review your career goals and plans.

EXPLANATION OF YOUR ASVAB STANDARD SCORES

Your ASVAB results are reported as standard scores in the above graph. Your score on each test is identified by the "X" in the corresponding bar graph. You should view these scores as *estimates* of your true skill level in that area. If you took the test again, you probably would receive a somewhat different score. Many things, such as how you were feeling during testing, contribute to this difference. This difference is shown with gray score bands in the graph of your results. Your standard scores are based on the ASVAB tests and composites based on your grade level.

The score bands provide a way to identify some of your strengths. Overlapping score bands mean your true skill level is similar in both areas, so the real difference between specific scores might not be meaningful. If the score bands do not overlap, you probably are stronger in the area that has the higher score band.

The ASVAB is an aptitude test. It is neither an absolute measure of your skills and abilities nor a perfect predictor of your success or failure. A high score does not guarantee success, and a low score does not guarantee failure, in a future educational program or occupation. For example, if you have never worked with shop equipment or cars, you may not be familiar with the terms and concepts

assessed by the Auto and Shop Information test. Taking a course or obtaining a part-time job in this area would increase your knowledge and improve your score if you were to take it again.

USING ASVAB RESULTS IN CAREER EXPLORATION

Your career and educational plans may change over time as you gain more experience and learn more about your interests. *Exploring Careers: The ASVAB Career Exploration Guide* can help you learn more about yourself and the world of work, to identify and explore potential goals, and develop an effective strategy to realize your goals. The *Guide* will help you identify occupations in line with your interests and skills. As you explore potentially satisfying careers, you will develop your career exploration and planning skills.

Meanwhile, your ASVAB results can help you in making well-informed choices about future high school courses.

We encourage you to discuss your ASVAB results with a teacher, counselor, parent, family member or other interested adult. These individuals can help you to view your ASVAB results in light of other important information, such as your interests, school grades, motivation, and personal goals.

ASVAB SCORE AND TEST DESCRIPTIONS

Verbal Skills is a general measure of language and reading skills which combines the Word Knowledge and Paragraph Comprehension tests. People with high scores tend to do well in tasks that require good language or reading skills, while people with low scores have more difficulty with such tasks.

Math Skills is a general measure of mathematics skills which combines the Mathematics Knowledge and Arithmetic Reasoning tests. People with high scores tend to do well in tasks that require a knowledge of mathematics, while people with low scores have more difficulty with these kinds of tasks.

Science and Technical Skills is a general measure of science and technical skills which combines the General Science, Electronics Information, and Mechanical Comprehension tests. People with high scores tend to do well in tasks that require scientific thinking or technical skills, while people with low scores have more difficulty with such tasks.

General Science (GS) tests the ability to answer questions on a variety of science topics drawn from courses taught in most high schools. The life science items cover botany, zoology, anatomy and physiology, and ecology. The earth and space science items are based on astronomy, geology, meteorology, and oceanography. The physical science items measure force and motion mechanics, energy, fluids, atomic structure, and chemistry.

Arithmetic Reasoning (AR) tests the ability to solve basic arithmetic problems one encounters in everyday life. One-step and multi-step word problems require addition, subtraction, multiplication, and division, and choosing the correct order of operations when more than one step is necessary. The items include operations with whole numbers, operations with rational numbers, ratio and proportion, interest and percentage, and measurement. Arithmetic reasoning is one factor that helps characterize mathematics comprehension and it also assesses logical thinking.

Word Knowledge (WK) tests the ability to understand the meaning of words through synonyms - words having the same or nearly the same meaning as other words. The test is a measure of one component of reading comprehension since vocabulary is one of many factors that characterize reading comprehension.

Paragraph Comprehension (PC) tests the ability to obtain information from written material. Students read different types of passages of varying lengths and respond to questions based on information presented in each passage. Concepts include identifying stated and reworded facts, determining a sequence of events, drawing conclusions, identifying main ideas, determining the author's purpose and tone, and identifying style and technique.

Mathematics Knowledge (MK) tests the ability to solve problems by applying knowledge of mathematical concepts and applications. The problems focus on concepts and algorithms and involve number theory, numeration, algebraic operations and equations, geometry and measurement, and probability. Mathematics knowledge is one factor that characterizes mathematics comprehension; it also assesses logical thinking.

Electronics Information (EL) tests understanding of electrical current, circuits, devices, and systems. Electronics information topics include electrical circuits, electrical and electronic systems, electrical currents, electrical tools, symbols, devices, and materials.

Auto and Shop Information (AS) tests aptitude for automotive maintenance and repair and wood and metal shop practices. The test covers several areas commonly included in most high school auto and shop courses such as automotive components, automotive systems, automotive tools, troubleshooting and repair, shop tools, building materials, and building and construction procedures.

Mechanical Comprehension (MC) tests comprehension of the principles of mechanical devices and properties of materials. Mechanical comprehension topics include simple machines, compound machines, mechanical motion, fluid dynamics, properties of materials, and structural support.

Military Entrance Score (AFQT) is the score used if an individual decides to enter any of the armed services. See your local recruiter for details.