

# Resource Packet for 9th-12th Grade Students Organized by Teach Plus Teachers



As students and families work in partnership with teachers to navigate an environment of distance and hybrid learning, Teach Plus teachers worked together to organize a printable packet to support students. This document is intended to serve as a quick resource of basic information that supports larger learning goals. The information in this packet is ideal for students 9-12 grades. This packet should not replace any guide/resource/tool given by your child's teacher/school, but is an additional resource organized into the following parts:

## Part 1: Reading/Language Arts Resources

This section includes language arts academic vocabulary words that your child's teacher may use during instruction, activities, and assessment, as well as critical reading skills, critical thinking questions to ask while reading and suggestions for books to read.

## Part 2: Math Resources

This section includes math academic vocabulary words that your child's teacher may use during instruction, activities, and assessments, as well as reference sheets.

## Part 3: New Mexicans to Research

This section will give examples of New Mexicans that have achieved various accomplishments. These individuals can be used as part of essays and research projects for class assignments and scholarships.

## Part 4: Graduation Information

This section includes graduation requirements for current seniors and the state website for additional information for all high schools students.

## Part 5: Assessment Resources

This section gives information, testing dates, and websites for the PSAT, SAT and ACT assessments.

## Part 6: Additional Resources

This section will provide contact information and links for COVID-19, mental health support, free educational resources, scholarship opportunities and more.





## Academic Vocabulary

**Claim:** State that something is true, usually without providing evidence or proof.

**Create/Design:** Graph data, generate an equation, an experimental protocol, or a model.

**Predict:** To say or estimate what will happen in the future.

**Effect:** A result or a consequence that can be positive or negative. (Effect is a noun, affect is a verb)

**Differentiate:** To see or show the differences between two or more things. (Distinguish means the same thing)

**Evaluate:** Judge it, tell the good and the bad.

**Define:** Give a meaning for a word or phrase.

**Describe:** To give a picture or characteristics of something in words.

**Contrast:** Point out differences, to examine two or more objects and consider the differences.

**Compare:** Point out similarities, to examine two or more objects and consider the likenesses. (If used without CONTRAST, it can mean both similarities and differences).

**Identify:** Name, list, and give an example.

**Explain:** Tell how to do, give the meaning of, or why, give reasons for.

**Pose:** To set forth in words; "To pose a question or hypothesis."

**Inquiry:** Examine, analyze, explore, investigate, think, ask questions.

**Summarize:** Tell the main idea; tell the beginning, middle, and end.

**Analyze:** Break it into parts, tell about the parts.

**Justify:** Show or prove to be right or reasonable; be a good reason for something.

**Support:** Back it up or prove your answer with details or data.

**Argue:** Provide reasons or evidence to support or oppose.

**Determine:** Make a decision or arrive at a conclusion after considering all possible options, perspectives, or results.

**Develop:** Improve the quality or substance of.

**Imagine:** Create a picture in one's mind; speculate or predict.

**Integrate:** Make whole by combining the different parts into one.

**Interpret:** Draw from a text or data set some meaning or significance.

**Organize:** Arrange or put in order.

**Transform:** Change in form, function, or nature to reveal or emphasize.

## Critical Reading Skills

When reading a text follow these 5 steps to support your understanding and analysis of the text:

1. **Survey:** Read the preface, introduction, table of contents, and index before reading the content.
2. **Ask Questions:** Access prior knowledge or gaps in that knowledge that you hope to learn from the reading.
3. **Read Actively:** Pay close attention while reading for the answers to your questions or new information/key ideas.

4. **Respond to Your Own Questions:** Write/highlight/annotate the answers to your questions. This may require rereading parts or all of the content.
5. **Record Key Concepts:** Write down key concepts in addition to the answers to your questions.

## Critical thinking questions when reading a text:

1. What evidence can you present for/against ...?
2. What is the purpose of the text?
3. What are the assumptions/generalizations being made in this text?
4. Are the claims being made based on evidence?
5. Does the evidence seem reasonable?
6. What might be missing from the text?
7. What might happen next?

<https://www.ucl.ac.uk/ioe-writing-centre/critical-reading-and-writing/critical-reading-questions>



## Books to Read:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>+ <i>Fahrenheit 451</i></li> <li>+ <i>Animal Farm</i></li> <li>+ <i>The Great Gatsby</i></li> <li>+ <i>Death of a Salesman</i></li> <li>+ <i>Romeo and Juliet</i></li> <li>+ <i>The Island of the Blue Dolphins</i></li> <li>+ <i>The Immortal Life of Henrietta Lacks</i></li> <li>+ <i>To Kill a Mockingbird</i></li> <li>+ <i>1984</i></li> <li>+ <i>The Catcher in the Rye</i></li> <li>+ <i>Lord of the Flies</i></li> <li>+ <i>Of Mice and Men</i></li> <li>+ <i>Brave New World</i></li> <li>+ <i>Hiroshima</i></li> <li>+ <i>In Cold Blood</i></li> </ul> | <ul style="list-style-type: none"> <li>+ <i>Wuthering Heights</i></li> <li>+ <i>A Tale of Two Cities</i></li> <li>+ <i>The Chosen</i></li> <li>+ <i>The Scarlet Letter</i></li> <li>+ <i>The Odyssey</i></li> <li>+ <i>The Iliad</i></li> <li>+ <i>The Kite Runner</i></li> <li>+ <i>The Color Purple</i></li> <li>+ <i>A Raisin in the Sun</i></li> <li>+ <i>Pride and Prejudice</i></li> <li>+ <i>The Catcher in the Rye</i></li> <li>+ <i>The Grapes of Wrath</i></li> <li>+ <i>Lord of the Flies</i></li> <li>+ <i>Beowulf</i></li> <li>+ <i>The Crucible</i></li> <li>+ <i>Great Expectations</i></li> </ul> |
|--|---|





## Reference Sheets

### ALGEBRA

### PROPERTIES

#### ARITHMETIC PROPERTIES

ASSOCIATIVE  $a(bc) = (ab)c$   
 COMMUTATIVE  $a + b = b + a$  and  $ab = ba$   
 DISTRIBUTIVE  $a(b + c) = ab + ac$

#### ARITHMETIC OPERATIONS EXAMPLES

$$ab + ac = a(b + c) \quad \frac{a}{b} - \frac{c}{d} = \frac{ad - bc}{bd}$$

$$a\left(\frac{b}{c}\right) = \frac{ab}{c} \quad \frac{a-b}{c-d} = \frac{b-a}{d-c}$$

$$\left(\frac{a}{b}\right) = \frac{a}{bc} \quad \frac{a+b}{c} = \frac{a}{c} + \frac{b}{c}$$

$$\frac{a}{\left(\frac{b}{c}\right)} = \frac{ac}{b} \quad \frac{ab+ac}{a} = b+c, a \neq 0$$

$$\frac{a}{b} + \frac{c}{d} = \frac{ad+bc}{bd} \quad \left(\frac{a}{b}\right) = \frac{ad}{bc}$$

#### QUADRATIC EQUATION

For the equation  $ax^2 + bx + c = 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

#### RADICAL PROPERTIES

$a, b \geq 0$  for even  $n$

$$\sqrt[n]{a} = a^{\frac{1}{n}}$$

$$\sqrt[m]{\sqrt[n]{a}} = \sqrt[mn]{a}$$

$$\sqrt[n]{ab} = \sqrt[n]{a}\sqrt[n]{b}$$

$$\sqrt[n]{\frac{a}{b}} = \frac{\sqrt[n]{a}}{\sqrt[n]{b}}$$

$\sqrt[n]{a^n} = a$ , if  $n$  is odd  
 $\sqrt[n]{a^n} = |a|$ , if  $n$  is even

#### LOGARITHM PROPERTIES

if  $y = \log_b x$  then  $b^y = x$   
 $\log_b b = 1$  and  $\log_b 1 = 0$   
 $\log_b b^x = x$   
 $b^{\log_b x} = x$   
 $\log_a x = \frac{\log_b x}{\log_b a}$   
 $\log_b(x^r) = r \log_b x$   
 $\log_b(xy) = \log_b x + \log_b y$   
 $\log_b\left(\frac{x}{y}\right) = \log_b x - \log_b y$

#### EXPONENT PROPERTIES

$a^n a^m = a^{n+m}$   
 $(a^n)^m = a^{nm}$   
 $(ab)^n = a^n b^n$   
 $a^{-n} = \frac{1}{a^n}$   
 $\left(\frac{a}{b}\right)^{-n} = \left(\frac{b}{a}\right)^n = \frac{b^n}{a^n}$   
 $\frac{a^n}{a^m} = a^{n-m} = \frac{1}{a^{m-n}}$   
 $a^0 = 1, a \neq 0$   
 $\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$   
 $\frac{1}{a^{-n}} = a^n$   
 $a^{\frac{n}{m}} = \left(a^{\frac{1}{m}}\right)^n = (a^n)^{\frac{1}{m}}$

#### PROPERTIES OF INEQUALITIES

If  $a < b$  then  $a + c < b + c$  and  $a - c < b - c$   
 If  $a < b$  and  $c > 0$  then  $ac < bc$  and  $a/c < b/c$   
 If  $a < b$  and  $c < 0$  then  $ac > bc$  and  $a/c > b/c$

#### PROPERTIES OF COMPLEX NUMBERS

$i = \sqrt{-1}$   
 $i^2 = -1$   
 $\sqrt{-a} = i\sqrt{a}, a \geq 0$   
 $(a + bi) + (c + di) = a + c + (b + d)i$   
 $(a + bi) - (c + di) = a - c + (b - d)i$   
 $(a + bi)(c + di) = ac - bd + (ad + bc)i$   
 $(a + bi)(a - bi) = a^2 + b^2$   
 $|a + bi| = \sqrt{a^2 + b^2}$   
 $\overline{(a + bi)} = a - bi$   
 $\overline{(a + bi)(c + di)} = \overline{ac - bd + (ad + bc)i} = ac - bd - (ad + bc)i$   
 $\frac{1}{(a + bi)} = \frac{(a - bi)}{(a + bi)(a - bi)} = \frac{a - bi}{a^2 + b^2}$

#### COMMON FACTORING EXAMPLES

$x^2 - a^2 = (x + a)(x - a)$   
 $x^2 + 2ax + a^2 = (x + a)^2$   
 $x^2 - 2ax + a^2 = (x - a)^2$   
 $x^2 + (a + b)x + ab = (x + a)(x + b)$   
 $x^3 + 3ax^2 + 3a^2x + a^3 = (x + a)^3$   
 $x^3 + a^3 = (x + a)(x^2 - ax + a^2)$   
 $x^3 - a^3 = (x - a)(x^2 + ax + a^2)$   
 $x^{2n} - a^{2n} = (x^n - a^n)(x^n + a^n)$

#### ABSOLUTE VALUE

$|a| = \begin{cases} a, & \text{if } a \geq 0 \\ -a, & \text{if } a < 0 \end{cases}$   
 $|a| = |-a|$   
 $|a| \geq 0$   
 $|ab| = |a||b|$   
 $\left|\frac{a}{b}\right| = \frac{|a|}{|b|}$   
 $|a + b| \leq |a| + |b|$

EEWeb.com

Electrical Engineering Community

- Latest News
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- Online Toolbox
- Technical Discussions
- Professional Networking
- Personal Profiles and Resumes
- Community Blogs and Projects
- Find Jobs and Events

#### COMPLETING THE SQUARE

$$ax^2 + bx + c = a(\dots)^2 + \text{constant}$$

1. Divide by the coefficient  $a$ .
2. Move the constant to the other side.
3. Take half of the coefficient  $b/a$ , square it and add it to both sides.
4. Factor the left side of the equation.
5. Use the square root property.
6. Solve for  $x$ .

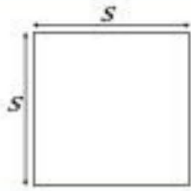
# GEOMETRY

# SHAPES AND SOLIDS

## SQUARE

$$P = 4s$$

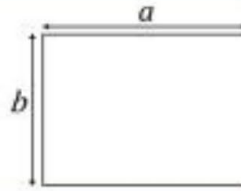
$$A = s^2$$



## RECTANGLE

$$P = 2a + 2b$$

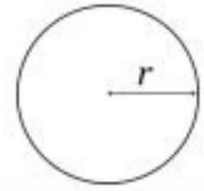
$$A = ab$$



## CIRCLE

$$P = 2\pi r$$

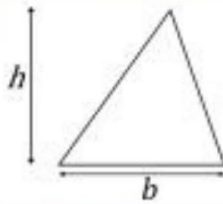
$$A = \pi r^2$$



## TRIANGLE

$$P = a + b + c$$

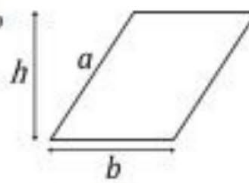
$$A = \frac{1}{2}bh$$



## PARALLELOGRAM

$$P = 2a + 2b$$

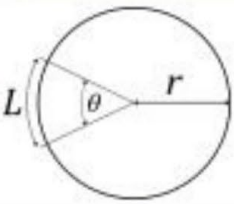
$$A = bh$$



## CIRCULAR SECTOR

$$L = \pi r \frac{\theta}{180^\circ}$$

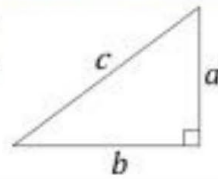
$$A = \pi r^2 \frac{\theta}{360^\circ}$$



## PYTHAGOREAN THEOREM

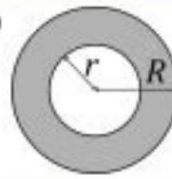
$$a^2 + b^2 = c^2$$

$$c = \sqrt{a^2 + b^2}$$



## CIRCULAR RING

$$A = \pi(R^2 - r^2)$$



## SPHERE

$$S = 4\pi r^2$$

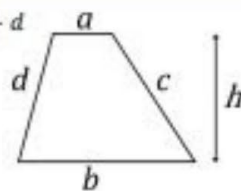
$$V = \frac{4\pi r^3}{3}$$



## TRAPEZOID

$$P = a + b + c + d$$

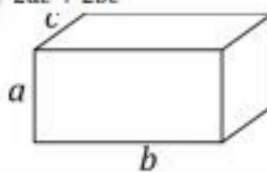
$$A = h \frac{a+b}{2}$$



## RECTANGULAR BOX

$$A = 2ab + 2ac + 2bc$$

$$V = abc$$

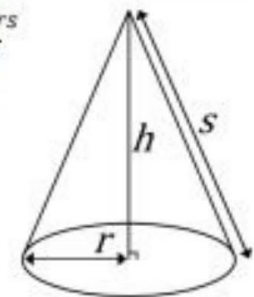


## RIGHT CIRCULAR CONE

$$A = \pi r^2 + \pi r s$$

$$s = \sqrt{r^2 + h^2}$$

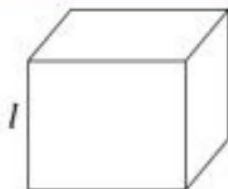
$$V = \frac{1}{3} \pi r^2 h$$



## CUBE

$$A = 6l^2$$

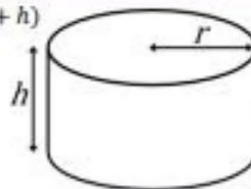
$$V = l^3$$



## CYLINDER

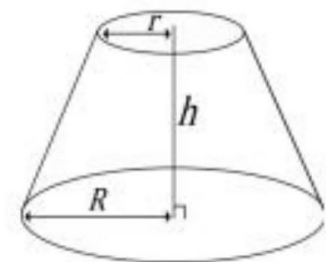
$$A = 2\pi r(r + h)$$

$$V = \pi r^2 h$$



## FRUSTUM OF A CONE

$$V = \frac{1}{3} \pi h (r^2 + rR + R^2)$$



EEWeb.com  
Electrical Engineering Community

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## Part 3: New Mexicans to Study



- + Mitch Garver (born 1991) – born in Albuquerque, baseball player
- + Mike E. Smith (born 1965) – born in Roswell, Hall of Fame jockey
- + Brian Urlacher (born 1978) – grew up in Lovington, NFL player
- + Paul Allen (1953–2018) – founded Microsoft in Albuquerque
- + Jeff Bezos (born 1964) – founder of Amazon
- + Mack C. Chase (born 1931) - oil and natural gas businessman
- + Billy the Kid (1859–1881) – outlaw
- + Jose Chavez y Chavez (1851–1924) – cowboy and outlaw
- + Annie Dodge Wauneka (1895–1997) – Navajo health educator, winner of Presidential Medal of Freedom
- + Juan Mirabal (1903–1970) – Taos Pueblo painter
- + George R. R. Martin (born 1948) – lives in Santa Fe, screenwriter and author of fantasy, horror, and science fiction
- + Robert O. Anderson(1917 - ) - Lives in Roswell Founder of ARCO Oil
- + Ralph Bunche (1903 - 1971) - Nobel Peace Prize winner from Albuquerque
- + Edward Condon (1902-1974) - born in Alamogordo, Manhattan Project
- + John Denver (1943 - 1997) - Singer/songwriter born in Roswell
- + William Hanna - (1910- 2001)born in Melrose, film animator, creator of Tom & Jerry, Flintstones
- + Georgia O'Keeffe- (1887 - 1986) - American artist
- + Harrison Schmitt (1935 - ) - Born in Santa Rita, Geologist, US Senator and Astronaut/Apollo 17

[https://en.wikipedia.org/wiki/List\\_of\\_people\\_from\\_New\\_Mexico](https://en.wikipedia.org/wiki/List_of_people_from_New_Mexico)

## Part 4: Graduation Requirements



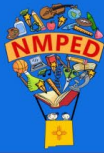
"New Mexico's graduation requirements are necessary for students to earn a Diploma of Excellence, and provides students with strong preparation for college and career readiness. Currently, far too many students drop out or graduate from high school without the knowledge and skills required for success in the 21st century workplace and/or post-secondary education, closing doors, and limiting future options."

Website to view full graduation requirements for classes 2021-2024:

<https://webnew.ped.state.nm.us/bureaus/college-career-readiness/graduation/>

It is important to contact your school administration and review the NMPED Website for updates and changes in graduation requirements and assessment.

<https://webnew.ped.state.nm.us/>



# COHORT 2021 GRADUATION REQUIREMENTS

## Menu of Options to Demonstrate College and/or Career Readiness

Revised 10/29/2020

### In what subject areas does a student need to show demonstration of competency?

In addition to meeting course requirements, New Mexico public high school students who entered grade 9 in school year 2017-18 must be able to demonstrate postsecondary and/or workforce readiness in five content areas: Math, Reading, Writing, Science, and Social Studies.

### What policy change now allows for multiple ways for students to demonstrate competency?

Until 2019, New Mexico required students to use the Every Student Succeeds Act (ESSA) required proficiency assessment as a **primary** demonstration of competency and to request a waiver from the PED to use an **alternative** demonstration of competency. Students may now choose from a **menu of options** to demonstrate competency without a waiver. [PED is no longer using primary and alternative structures.](#)

Local school boards are given the flexibility to make available all or some of the menu options, establish local policies that include additional requirements, or establish higher cut scores than those set by the PED (shown in parentheses below). Students may use any of the menu options allowed by their local education agency (LEA).

### COVID-19 IMPACT-ESSA ASSESSMENTS

Due to the extraordinary circumstance of the COVID-19 pandemic and the closure of schools in spring 2020, the PED was granted a [waiver](#) to bypass assessment and accountability requirements under the Elementary and Secondary Education Act of 1965 (ESEA), as amended by the Every Student Succeeds Act (ESSA).

Therefore, no spring 2020 ESSA related assessment results can be applied to cohort 2021 and other options found on this menu must be applied.

A hold constant from cohort 2020 cut scores has been applied to cohort 2021 cut scores.

### OTHER NATIONAL ASSESSMENTS

#### Math:

Next-Gen ACCUPLACER Quantitative Reasoning (252),  
Advanced Algebra (252)  
ACT Mathematics (19), Pre-ACT Mathematics (19) ACT  
ASPIRE Mathematics (431)  
ACT WorkKeys Applied Mathematics (3)  
ACT WorkKeys Graphic Literacy (3)  
AP Calculus AB or BC or Statistics (2)  
ASVAB AFQT Composite (31)  
IB Mathematics (4)  
PSAT 10 Mathematics (480)  
PSAT NMSQT Mathematics (480)  
SAT Mathematics (480)  
SAT Subject Mathematics Level 1 (580) or Level 2 (640)

#### Reading:

Next-Gen ACCUPLACER Reading (241)  
ACT Reading (18), Pre-ACT Reading (18)  
ACT ASPIRE Reading (424)  
ACT WorkKeys Workplace Documents (3)  
AP English Language & Composition or English Literature & Composition (2)  
ASVAB AFQT Composite (31)  
IB Language & Literature (4)  
PSAT 10 Evidence-based Reading & Writing (430)  
PSAT NMSQT Evidence-based Reading & Writing (430)  
SAT Evidence-based Reading & Writing (430)  
SAT Subject Literature (570)

### LOCAL DEMONSTRATION OF COMPETENCY (LDC)<sup>1</sup>

LEAs may develop, with PED notification, rigorous, standards-based demonstrations of career and/or college readiness to demonstrate students' graduation competency. PED notification form is available [here](#).

### OTHER NATIONAL ASSESSMENTS (CONT.)

#### Writing:

Next-Gen ACCUPLACER Writing (236)  
ACT English (18), Pre-ACT English (15)  
ACT ASPIRE English (428) or Writing (428)  
ACT WorkKeys Business Writing (3)  
AP English Language & Composition or English Literature & Composition (2)  
IB Language & Literature (4)  
PSAT 10 Evidence-based Reading & Writing (430)  
PSAT NMSQT Evidence-based Reading & Writing (430)  
SAT Evidence-based Reading & Writing (430)

#### Science:

ACT Science (20), Pre-ACT Science (20)  
ACT Aspire Science (431)  
ACT WorkKeys Applied Technology (3)  
AP Biology, Chemistry, Computer Science, Environmental Science, or Physics (2)  
ASVAB AFQT Composite (31)  
IB Experimental Sciences (4)  
SAT Subject Chemistry (640), Ecological Biology (590),  
Molecular Biology (620) or Physics (630)

#### Social Studies:

AP Art History, European History, Government & Politics (Comparative), Government & Politics (US), Human Geography, Macroeconomics, Microeconomics, Psychology, US History, or World History (2)  
IB Individuals and Society (4)  
SAT Subject US History (610) or World History (580)

#### Abbreviations:

ACT: American College Testing  
AP: Advanced Placement  
ASVAB: Armed Services Vocational Aptitude Battery  
AFQT: Armed Forces Qualification Test  
IB: International Baccalaureate

### OTHER LDC

#### End-of-Course (EoC) Exams<sup>2</sup>

(Cut scores listed are for SY18-19 and 19-20 exams; passing scores for previous years' exams found on [graduation checklists](#).)

#### Math:

Algebra I (14)\*  
Algebra II (13)  
Financial Literacy (12)\*  
Geometry I (15)  
Integrated Math II (13)  
Integrated Math III (14)  
Pre-Calculus (15)

#### Reading:

English III: Reading (9)  
English IV: Reading (9)  
Spanish III: Reading (14)

#### Writing:

English III: Writing (17)  
English IV: Writing (16)  
Spanish III: Writing (17)

#### Science:

Anatomy and Physiology (23)  
Biology (22)  
Chemistry (19)  
Environmental Science (21)  
Physical Science (23)  
Physics (20)

#### Social Studies:

Economics (18)  
New Mexico History (14)  
US Government (17), US History (29)  
World History and Geography (28)

\* An Algebra I or Financial Literacy EoC can only serve as a demonstration of competency if a student has passed the Algebra II course.

<sup>1</sup> NMPED is partnering with a Community of Practice to define and pilot a new graduation option that is more culturally relevant. These are innovative assessments that are locally developed. For more information, visit [here](#).

<sup>2</sup> An EOC score earned prior to, and after, the COVID-19 release can be used as a LDC.

Students following the **modified option**, whose IEPs establish individualized passing scores, should default to their individualized score when determining demonstration of competency. Students following the ability option, PED encourages the use of local demonstration of competency as well as DLM as the primary assessment.

For additional information, visit the Graduation Requirements page at:  
<https://webnew.ped.state.nm.us/bureaus/college-career-readiness/graduation/>

**Graduation Course Requirements for Students in the Graduating Classes of 2012-2021**

Freshman 2008–2009 Graduating Class of 2012	Freshman 2009–2010 Graduating Class of 2013	Freshman 2010–2011 Graduating Class of 2014	F-2011–12 & 2012-13 Classes of 2015 & 2016	F-2013–14, 2014-15, 2015-16, 2016-17, & 2017-18 Classes of 2017, 2018, 2019, 2020, & 2021
<p>23 units to include:</p> <ul style="list-style-type: none"> <li>• 4 units English</li> <li>• 3 units math (one unit = or &gt; than algebra 1)</li> <li>• 3 units science (1 w/lab)</li> <li>• 3 units social science, including United States history and geography, world history and geography, and government and economics</li> <li>• .5 unit New Mexico history</li> <li>• 1 unit physical education</li> <li>• 1 unit communication skills or business education or language other than English</li> <li>• 7.5 units electives</li> </ul>	<p>24 units to include:</p> <ul style="list-style-type: none"> <li>• 4 units English</li> <li>• 4 units math (one unit = or &gt; than algebra 2)</li> <li>• 3 units science (2 w/lab)</li> <li>• 3.5 units social science, including United States history and geography, world history and geography, and government and economics, and .5 unit New Mexico history</li> <li>• 1 unit physical education</li> <li>• 1 unit career cluster, workplace readiness or language other than English</li> <li>• 7.5 units electives</li> </ul> <p><i>One of the above units must be honors, Advanced Placement, dual credit, or distance learning.</i></p>	<p>24 units to include:</p> <ul style="list-style-type: none"> <li>• 4 units English</li> <li>• 4 units math (one unit = or &gt; than algebra 2)</li> <li>• 3 units science (2 w/lab)</li> <li>• 3.5 units social science, including United States history and geography, world history and geography, and government and economics, and .5 unit New Mexico history</li> <li>• 1 unit physical education</li> <li>• 1 unit career cluster, workplace readiness or language other than English</li> <li>• 7.5 units electives</li> </ul> <p><i>One of the above units must be honors, Advanced Placement, dual credit, or distance learning.</i></p>	<p>24 units to include:</p> <ul style="list-style-type: none"> <li>• 4 units English</li> <li>• 4 units math (one unit = or &gt; than algebra 2)</li> <li>• 3 units science (2 w/lab)</li> <li>• 3.5 units social science, including United States history and geography, world history and geography, and government and economics, and .5 unit New Mexico history</li> <li>• 1 unit physical education</li> <li>• 1 unit career cluster, workplace readiness or language other than English</li> <li>• 7.5 units electives</li> </ul> <p><i>One of the above units must be honors, Advanced Placement, dual credit, or distance learning.</i></p>	<p>24 units to include:</p> <ul style="list-style-type: none"> <li>• 4 units English</li> <li>• 4 units math (one unit = or &gt; than algebra 2)</li> <li>• 3 units science (2 w/lab)</li> <li>• 3.5 units social science, including United States history and geography, world history and geography, and government and economics, and .5 unit New Mexico history</li> <li>• 1 unit physical education, which may include marching band, JROTC, or interscholastic sports sanctioned by NMAA</li> <li>• 1 unit career cluster, workplace readiness or language other than English</li> <li>• 7.5 units electives (including .5 unit of health education* if not completed in middle school)</li> </ul> <p><i>One of the above units must be honors, Advanced Placement, dual credit, or distance learning.</i></p> <p><i>* Note for students in the classes of 2017 and beyond, a course in health education is required, either as a high school elective or as completed in middle school.</i></p>

## Part 5: Assessment Resources



### Websites for SAT Support:

- + **SAT School Day with Essay - 2020-2021**  
[https://webnew.ped.state.nm.us/wp-content/uploads/2020/09/SAT\\_School\\_Day\\_Fact\\_Sheet\\_9.3.2020.pdf](https://webnew.ped.state.nm.us/wp-content/uploads/2020/09/SAT_School_Day_Fact_Sheet_9.3.2020.pdf)
- + **SAT Student Guide 2020-2021**  
<https://collegereadiness.collegeboard.org/pdf/sat-student-guide.pdf>
- + **KHAN Academy - SAT Practice**  
<https://www.khanacademy.org/sat>
- + **How to link Student College Board account to Khan Academy**  
[https://webnew.ped.state.nm.us/wp-content/uploads/2020/07/SAT\\_Khan\\_Academy.pdf](https://webnew.ped.state.nm.us/wp-content/uploads/2020/07/SAT_Khan_Academy.pdf)
- + **SAT Study Guide and Practice Tests**  
<https://collegereadiness.collegeboard.org/sat/inside-the-test/study-guide-students>



# SAT SCHOOL DAY WITH ESSAY 2020-2021

FACT SHEET



CollegeBoard

## WHO TAKES THE SAT?

The SAT is an assessment designed to measure knowledge and skills that can consistently predict a student's success in college and workforce training programs. For students in New Mexico public schools: (1) An optional SAT Day will be available for seniors in Fall 2020. (2) All 11<sup>th</sup> grade students will participate in the SAT during the school day in Spring 2021.

## WHAT DOES TEST MEASURE?

All skills and knowledge measured on the SAT are found in the New Mexico adopted Common Core State Standards (CCSS). The SAT measures a subset of the CCSS.

Two resources to support educators in preparing students are:

1. The Teacher Implementation Guide (TIG)
2. SAT Suite Question Bank (SSQB)

## HOW IS THE TEST ADMINISTERED?

The Fall 2020 administration will be paper only. An *Online mode*, through a secure browser, and a *Paper mode* will both be available for the Spring 2021 administration. The test is administered during the school day in four sections: Reading, Writing & Language, Mathematics, and Essay. The SAT is a timed test.

TEST	TIME	QUESTIONS
Reading	65 Minutes	52
Writing & Language	35 Minutes	44
Math	80 Minutes	58
Essay	50 Minutes	1

## HOW ARE PERFORMANCE LEVELS DETERMINED?

Test scores range from 400–1600 for the mathematics and reading/writing sections combined. Essay scores range from 2–8. A cut score will be established by the PED for the purpose of demonstrating competency for graduation requirements.

## WHEN IS THE TEST GIVEN?

FALL 2020 ADMINISTRATION		SPRING 2021 ADMINISTRATION	
	DATE		DATE
Primary Testing	September 23, 2020	Primary Testing Window	March 24 - 26, 2021 / Digital
Alternate Primary Testing	October 14, 2020	Alternate Primary Window	April 13 - 15, 2021 / Digital
Makeup Primary Testing	October 27, 2020	Makeup Primary Window	April 27 - 29, 2021 / Digital
		Accommodated Window	March 24 - April 6, 2021 / Digital April 13 - 26, 2021 / Digital
		Primary Testing	April 13, 2021 / Paper
		Makeup	April 27, 2021 / Paper
		Accommodated Window	March 24 - April 6, 2021 / Digital & Paper April 13 - 26, 2021 / Digital and Paper

For additional information, visit the Assessment Bureau website at: <https://webnew.ped.state.nm.us/bureaus/assessment-3/sat-psat/>

## Websites for PSAT Support:

+ **PSAT 10 - 2020-2021**

<https://webnew.ped.state.nm.us/wp-content/uploads/2020/06/PSAT10.pdf>

+ **PSAT Student Guide Fall 2020**

<https://collegereadiness.collegeboard.org/pdf/psat-nmsqt-student-guide.pdf>

+ **PSAT Study Guide**

<https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/practice>

**PSAT 10  
2020-2021**

**FACT SHEET**

CollegeBoard

NMPED

**WHO TAKES THE PSAT?**

The PSAT 10, a component of the SAT Suite of Assessments, is an assessment designed to measure knowledge and skills that can consistently predict a student's success in college and workforce training programs and helps educators in identifying skill gaps and improving instruction. All 10<sup>th</sup> grade students in New Mexico public schools will participate in the PSAT 10 during the school day in Spring 2021.

**WHAT DOES TEST MEASURE?**

All skills and knowledge measured on the PSAT 10 are found in the New Mexico adopted Common Core State Standards (CCSS). The PSAT 10 measures a subset of the CCSS. Unlike the SAT School Day, there is not an essay component. Two resources to support educators in preparing students are:

- 1. The Teacher Implementation Guide (TIG) 2. SAT Suite Question Bank (SSQB)**

**HOW IS THE TEST ADMINISTERED?**

The PSAT 10 is administered online through a secure browser, or by paper mode, during the school day in three sections: Reading, Writing & Language, and Mathematics. PSAT 10 is a timed test.

TEST	TIME	QUESTIONS
Reading	60 Minutes	47
Writing & Language	35 Minutes	4
Math	70 Minutes	48

**HOW ARE PERFORMANCE LEVELS DETERMINED?**

Test scores range from 320-1520 for the total test and range from 160-760 for each of the two sections scores: 1) Evidence-based Reading & Writing, and 2) Mathematics. These are broken down further into sub-scores on score reports.

**WHEN IS THE TEST GIVEN?**

TEST ADMINISTRATION	DATE	MODE
Primary Testing Window	April 14-23, 2021	Digital
Makeup Window	April 27-29, 2021	Digital
Primary Testing Window	April 14-23, 2021	Paper
Makeup Window	April 27-29, 2021	Paper

For additional information, visit the Assessment Bureau website at <https://webnew.ped.state.nm.us/bureaus/assessment-3/sat-psat/>

## Websites for PSAT Support:

- + **ACT College Entrance Exam**

<https://www.act.org/content/act/en.html>

- + **ACT Study Guide**

<http://www.act.org/content/dam/act/unsecured/documents/Preparing-for-the-ACT.pdf>

## TEST DATES

United States, US Territories, and Puerto Rico



2020 | 2021

TEST DATE

REGISTRATION DEADLINES

	Regular Deadline	Late Fee Required	Photo Upload/Standby Deadline
<b>September 12, 2020</b>			
<b>September 13, 2020 (Sunday)</b>	<b>August 31</b>	No late fees	September 4
<b>September 19, 2020</b>			
<b>October 10, 2020</b>			
<b>October 17, 2020</b>			
<b>October 24, 2020</b>	<b>September 25</b>	No late fees	October 2
<b>October 25, 2020 (Sunday)</b>			
<b>December 12, 2020</b>	<b>November 6</b>	November 7-20	December 4
<b>February 6, 2021</b>	<b>January 8</b>	January 9-15	January 29
<b>April 17, 2021</b>	<b>March 12</b>	March 13-26	April 9
<b>June 12, 2021</b>	<b>May 7</b>	May 8-21	June 4
<b>July 17, 2021*</b>	<b>June 18</b>	June 19-25	July 9

[www.act.org](http://www.act.org)

\*No test centers are scheduled in New York for the July test date.

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## Part 6: Additional Resources

### COVID-19 Related Contacts

1. **COVID-19 School Reentry Resources and Updates:**  
<https://webnew.ped.state.nm.us/reentry-district-and-school-guidance/>
2. **COVID-19 Updates and Resources from the NM Department of Health:**  
<https://cv.nmhealth.org/>
3. **Information for support with jobs, food, childcare and more:**  
<https://www.newmexico.gov/i-need-assistance/>



## Mental Health Supports

1. **NM Crisis and Access line:** Call toll free anytime 24/7/365 1-855-NMCRISIS (662-7474)  
<https://www.nmcrisisline.com/>
2. **Frequently asked questions about mental health and list of resources:**  
<https://www.nmhealth.org/about/erd/ibeb/mhp/>

## Scholarships Opportunities

1. <https://www.danielsfund.org/scholarships/daniels-scholarship-program/overview>
2. [https://opportunity.collegeboard.org/?SFMC\\_cid=EM361996-&rid=171950204](https://opportunity.collegeboard.org/?SFMC_cid=EM361996-&rid=171950204)
3. <https://www.fastweb.com/>
4. <https://www.hsf.net/>
5. <https://www.discover.com/student-loans/college-planning/scholarships/award>
6. <https://www.elks.org/scholars/scholarships/mvs.cfm>
7. <https://scholars.horatiaoalger.org/scholarships/>
8. <https://heismanscholarship.com/application/are-you-eligible/>
9. <https://nmact.powermediallc.org/>

## FAFSA Resources

1. **Create FSA ID for Seniors**  
<https://fsaid.ed.gov/npas/index.htm>  
<https://www.youtube.com/watch?v=K7ihhGk8mCY>
2. **Federal Application for Federal Student Aide for Seniors**  
<https://studentaid.gov/h/apply-for-aid/fafsa>  
<https://www.youtube.com/watch?v=fz9j-g1FIHQ>

## Online Learning Sites

1. **Brain POP Secondary-** <https://explore-brainpop.com/secondary>
2. **Code.org-** <https://code.org/>
3. **Common Sense Media-** <https://wideopenschool.org/#grades-9-12/>
4. **Science connections-** <https://www.exploratorium.edu/explore>
5. **Duolingo-** <https://www.duolingo.com/learn>
6. **Khan Academy-** <https://www.khanacademy.org/>
7. **IXL Worldwide-** <https://www.ixl.com/>