

PVSchools Parents' Guide to Student Success: Eleventh and Twelfth Grade

Help Your Child Learn at Home

In the eleventh and twelfth grades, your child will be completing his/her high school journey. Your child will be refining the skills that will be necessary for success in college, other postsecondary programs and ultimately the workforce. You will be working with your child to continue to implement his/her post-high school plan.

Key ideas to support your child's learning:

- Knowing some key benchmarks and how you can support your child in meeting them is important.
- Review your child's academic goals, making academic success a priority.
- Discuss interests and career opportunities with your child.
- Engage your child in making decisions about their priorities and schedule.
- Investigate application requirements for post-high school options.
- Help your child create a timeline of testing and application information.
- Research scholarship and financial aid opportunities. Check with your school's counseling office.
- Work with your child to develop his/her leadership, communication, and problem-solving skills.

Arizona State Standards

The Arizona State Standards were developed in collaboration with teachers, education leaders, and experts to provide a clear and consistent framework to prepare our children for college and the workforce.

The standards:

- are aligned with college and work expectations
- include rigorous content and application of knowledge
- build on strengths and lessons of current state standards
- prepare students to succeed in a global economy and society
- are evidence-based

Key Shifts for Students

English Language Arts (ELA) / Literacy

1. Read more informational text (70%) than fiction.
2. Learn about the world by reading.
3. Read more challenging material closely.
4. Discuss reading using evidence.
5. Write non-fiction using evidence.
6. Increase academic vocabulary.

Mathematics

1. **Focus:** Building on foundational skills that matter most to understanding arithmetic.
2. **Coherence:** Making math make sense by building onto foundational skills from grade to grade.
3. **Rigor:** With equal intensity, apply conceptual understanding, procedural skills, and fluency.

Resources

Arizona Department of Education

<http://www.azed.gov/>

Arizona K-12 Academic Standards

<http://www.azed.gov/standards-practices/>

English Language Learners

<http://www.azed.gov/english-language-learners/>

Common Core State Standards Initiative

<http://www.corestandards.org/>

Parent Roadmaps to Common Core Standards

<http://cgcs.schoolwires.net/domain/36>

National Parent Teacher Association

<http://www.pta.org/>

Expect More Arizona

<http://www.expectmorearizona.org/>

Educational Student Websites

ConnectED: <https://learn.pvschools.net/>

FROST: PVSchools Tutoring, frost@pvschools.net
PVSchools Tutoring, # 602-449-2399

Explore Careers: <http://www.mynextmove.org/>

Make a Plan: <https://bigfuture.collegeboard.org/>

Kahn Academy: <https://www.khanacademy.org/>

Math: <http://www.illustrativemathematics.org/>

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English Language Arts / Literacy

Language / literacy standards includes:

Reading Literature / Informational Text

- Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text
- Sample texts for these grade levels include:
 - *Jane Eyre* by Charlotte Brontë
 - *The Great Gatsby* by F. Scott Fitzgerald
 - *Common Sense* by Thomas Paine
 - *Walden* by Henry David Thoreau

Reading Informational Text

- Integrate and evaluate multiple sources of information presented in different media or formats as well as in words in order to address a question or solve a problem

Writing

- Write arguments to support claims in an analysis of substantive topics or texts, using valid and sufficient evidence
- Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience

Speaking and Listening

- Initiate and participate effectively in a range of collaborative with diverse partners and topics

Language

- Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or writing

Math

A sample of math standards includes:

Numbers and Quantity

- Use complex numbers in polynomial identities and equations
- Perform operations on matrices and use matrices in applications

Algebra

- Understand solving equations as a process of reasoning and explain the reasoning

Functions

- Extend the domain of trigonometric functions using the unit circle

Geometry

- Define trigonometric ratios and solve problems involving right triangles

Statistics and Probability

- Summarize, represent, and interpret data on two categorical and quantitative variables
- Interpret linear models

Science

A sample of science standards includes:

- Inquiry processes, observations, and hypothesis
- History & Nature of Science
- Science in Personal & Social Perspectives
- Life Science
- Physical Science
- Earth and Space Science

Social Studies / History

A sample of social studies standards includes:

American History, World History, Civics / Government, Geography, and Economics.

Key Ideas and Details

- Determine the central ideas or information of a primary or secondary source; provide an accurate summary that makes clear the relationships among the key details and ideas

Craft and Structure

- Evaluate authors' differing points of view on the same historical event or issue by assessing the authors' claims, reasoning, and evidence

Integration of Knowledge and Ideas

- Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, as well as in words) in order to address a question or solve a problem

Range of Reading and Level of Text Complexity

- Read and comprehend history/social studies texts in the corresponding grade level text complexity band independently and proficiently

Writing Standards

- Write informative/explanatory texts, including narration of historical events in addition to their analyses of individuals or events of historical importance