

Your eighth grader's success begins with you.

Along with your child's teachers, you play the most important role in her education. Find out what your child is learning this year and how you can make education a top priority at home.



What is my child learning this year?

Below are some of the key things your child will be learning this year. Use this list with your child's teacher to set goals and to make sure he is on track to succeed.

English Language Arts & Literacy

- + Determine the central idea of a passage and analyze its development over the course of the text, including its relationship to supporting ideas or events.
- + Compare and contrast the structure (organization) of two or more texts and analyze how the differing structures contribute to the meaning.
- + Analyze the author's point of view or purpose in a text and analyze how the author acknowledges the conflicting evidence or viewpoints.
- + Determine the meaning of unfamiliar words and use them in everyday speaking and writing.

Mathematics

- + Understand connections between proportional relationships, lines, and linear equations. (Proportional relationships are relationships between two equal ratios. For example, if oranges are sold in a bag of 5 for \$2 the ratio of oranges to their cost is 5:2 or 5/2.)
- + Understand and apply the Pythagorean Theorem ($a^2 + b^2 = c^2$).
- + Use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems.
- + Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

Fun activities to do at home

Practice measuring the perimeter of common household items like picture frames and practice estimating the area of various rooms in your home.

Ask your student to search the newspaper (either hard copy or online version) and find examples of articles that are fact-based (news article) and those that are opinion-based (editorial). Ask your child to analyze the language to determine the difference between the two texts.

Have your child write out the lyrics to his favorite song. Ask him to look up the definition of any unfamiliar words and encourage him to incorporate the new words into his vocabulary.

Start talking to your student about his career aspirations and ask him what he thinks he will need to do to achieve his goals. Encourage your child to visit CreateYourNext.org, an interactive college and career planning tool to help him plan for additional education or training after high school.

Note: Every child develops at his/her own pace. These expectations are based on Arizona's current academic standards that students should master by the end of each school year.

If you have specific questions about the grade level standards, please contact your child's teacher. A full list of academic standards is available at ArizonaAimsHigher.org.