

# PVSchools Parents' Guide to Student Success: Second Grade

## Help Your Child Learn at Home

Being involved in your child's academic success can increase his/her opportunities and options for the future. What can you do to help them?

Knowing some key academic benchmarks and what or how you can support your child in meeting them is important. Here are some ideas for supporting and supplementing your child's learning.

- Read a variety of books and talk about them with your child.
- Ask the questions who, what, when, where, why and how about stories you and your child have read.
- Help your child keep journals and write stories.
- Encourage your child to find different ways to solve problems rather than just memorizing facts.
- Involve your child in real life experiences such as cooking, measuring, telling time, and using money.
- Locate and compare records of temperatures, places, and weather patterns.
- Praise your child for his/her learning.
- Use maps, diagrams, charts, and graphs, to explain data or information.

## Arizona State Standards

The AZ State Standards are a state-led effort designed to improve educational outcomes for students.

- Are aligned with college and work expectations
- Are clear, understandable, and consistent;
- Include rigorous content and application of knowledge
- Build on strengths and lessons of current state standards
- Prepares students to succeed in a global economy and society
- Are evidence-based

## Key Shifts for Students

### English Language Arts (ELA) / Literacy

1. Read as much non-fiction as 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/>

### Move on When Reading

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

### 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](mailto:frost@pvschools.net)  
PVSchools Tutoring, # 602-449-2399

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

**ABCYA:** <http://www.abcya.com/>

**IXL:** <https://www.ixl.com/>

**PBS:** <http://www.pbs.org/>

**Reading Rockets:** <http://www.readingrockets.org/>

**Starfall:** <http://www.starfall.com/>

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## English Language Arts / Literacy

### A sample of reading standards includes:

#### Reading Literature

- Ask and answer such questions as who, what, when, why, and how to show understanding of key details
- Compare/Contrast two or more versions of the same story by different authors
- Acknowledge differences in the points of view of characters

#### Reading Informational Text

- Determine meaning of texts by using features of text and be able to locate key facts efficiently
- Describe the connection between a series of historical events
- Identify the main topic of a multi-paragraph text and focus on specific details

#### Reading Foundations

- Phonics skills necessary for decoding and reading accurately and fluently

#### Writing

- Write opinion pieces, informative, and explanatory texts in which they introduce a topic, use facts to develop points and a conclusion
- Participate in research projects

#### Speaking and Listening

- Participate in conversations and tell a story with appropriate facts, relevant details

#### Language

- Correctly use English grammar when writing and speaking
- Correctly use standard English conventions.
- Use spelling patterns when writing

## Mathematics

### A sample of math standards includes:

#### Operations and Algebraic Thinking

- Solve addition and subtraction problems within 1000, including one and two- step word problems

#### Number and Operations in Base Ten

- Demonstrate understanding of place value through skip counting, mental math strategies, composing & decomposing numbers
- **Fluently** add and subtract within 100

#### Measurement and Data

- Measure and estimate lengths in standard and metric units
- Tell time to the 5 minute
- Solve word problems involving lengths using addition and subtraction within 100
- Analyze graphs to represent a data set
- Count and exchange money within a dollar

#### Geometry

- Understand shapes' specific attributes (2D & 3D)
- Divide and describe circles and rectangles into two, three, or four equal portions

## Social Studies

### 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 & Space Science

#### FOSS (Full Option Science System) Kits

- Air and Weather
- Insects and Plants
- Solids and Liquids

## Social Studies

### A sample of social studies standards includes:

#### American History

- Recognize the order of events such as: prehistoric cultures, Revolutionary War, and Westward Expansion

#### World History

- Recognize that civilizations developed in China, India, and Japan

#### Civics/Government

- Recognize three branches of government

#### Geography

- Interpret political and physical maps

#### Economics

- Identify natural, human and capital resources

## Transitioning to 3<sup>rd</sup> Grade

Third grade is a pivotal year. Your child will see an increase in complexity in reading and writing.

### Ways to help for Reading and Math:

- Describe the logical connection between particular sentences and paragraphs in stories.
- Writing stories that establish a situation and include details and clear sequences of events that describe the actions, thoughts, and feeling of characters
- Multiply and divide with fluency up to 10
- Understanding and relating fractions to whole numbers
- Measuring and estimating weights and liquid volumes

***Students will be expected to pass the state successor test to meet the promotional requirement for Move On When Reading.***