



What every THIRD GRADE Student should know and be able to do!

A Message to the Reader

This resource is provided by Salt River Schools. It contains the third grade expectations for English Language Arts, Mathematics, Science, and Social Studies. The goal for Salt River Schools is to help all students be successful and ready to move forward to the next grade level. These skills and expectations align to the Arizona Standards and our Division's adopted curriculum. Each standard builds on the standard that came before and toward the standard that comes in the next grade level. For additional information on grade-level readiness, please visit the Arizona Department of Education site: <https://www.azed.gov/standards-practices/>

English Language Arts

The 2018 Arizona English Language Arts standards include reading and writing foundational skills to help put your child on the path to academic success. Daily reading and writing practice is an important component for grade-level readiness. Students should know and be able to . . .

<p>Reading Foundational Skills</p> <ul style="list-style-type: none"> • read words with common prefixes and suffixes, focusing on Latin suffixes • read irregularly spelled words • read text with purpose and understanding, self-monitoring understanding <p>Reading Literature Standards</p> <ul style="list-style-type: none"> • proficiently and independently read a wide variety of grade-level appropriate literature • apply a variety of strategies to comprehend, recount and paraphrase grade-level literature • demonstrate understanding of how parts of a text, such as chapters, build on each other • determine the central idea of a text and how key details contribute to that central idea • locate evidence in the text to support answers and opinions • distinguish their point of view from that of the narrator or characters • compare and contrast themes, settings, and plots of stories <p>Reading Informational Standards</p> <ul style="list-style-type: none"> • proficiently and independently read a wide variety of grade-level appropriate informational texts • demonstrate understanding of how parts of a text, such as specific paragraphs, build on each other • determine the central idea of a text and how key details contribute to that central idea • locate evidence in the text to support answers and opinions • make connections between a series of historical events, scientific ideas or steps in technical procedures • find the meaning of key vocabulary words in informational texts 	<p>Reading Informational Text – <i>continued</i></p> <ul style="list-style-type: none"> • use various text features, such as glossaries, icons and indexes, to locate key facts and information • apply a variety of strategies to comprehend, recount and paraphrase grade-level informational text • compare and contrast the most important points from two texts on the same topic <p>Writing Standards</p> <ul style="list-style-type: none"> • write opinion and explanatory pieces that include evidence to support ideas, linking words, and a conclusion • write narratives that include a clear sequence of events, descriptive details, dialogue, and words that indicate a change in time • revise writing based on feedback from adults and peers • conduct short research projects • gather information from sources to answer a question • produce writing that is organized for specific task, audience and purpose <p>Writing Foundational Skills</p> <ul style="list-style-type: none"> • read, write and transcribe using manuscript and cursive writing • spell regular two and three syllable words and single syllable words with less common spellings • use resources such as dictionaries and thesauri to check spellings <p>Speaking and Listening Standards</p> <ul style="list-style-type: none"> • engage in a range of collaborative discussions by asking and answering questions, reporting on topics • speak in complete sentences when appropriate to task and audience <p>Language Standards</p> <ul style="list-style-type: none"> • demonstrate proper usage of pronouns, adjectives, adverbs, and other parts of speech • determine the meaning of unknown words using root words, prefixes, suffixes, context clues, and dictionaries
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Mathematics

The goal of Salt River Schools is for every child to develop a deep understanding of mathematical concepts and procedures, while discovering connections to other subjects through real-life problem solving. Students should know and be able to ...

<p>Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> • use estimation strategies to verify reasonableness of a calculation in a variety of situations • understand the relationship between multiplication and division • fluently multiply and divide with 100 • solve two step word problems using addition, subtraction, multiplication, and division • identify and explain number patterns related to $+$, $-$, \times, \div • fluently recall multiplication and division facts through 10×10 <p>Number and Operations in Base Ten</p> <ul style="list-style-type: none"> • round whole numbers to the nearest 10 or 100 • fluently add and subtract with 1000 • multiply 1-digit whole numbers by multiples of 10 <p>Number and Operations-Fractions</p> <ul style="list-style-type: none"> • develop an understanding of fractions as equal parts of a whole number • represent fractions on a number line • model, write, compare fractions and explain equivalence 	<p>Measurement and Data</p> <ul style="list-style-type: none"> • tell and write time to the nearest minute and solve word problems involving time • solve word problems with money through \$20.00 • measure and estimate liquid volumes and mass using metric units • measure length, area, and perimeter using U.S. customary and metric units • use measurement data to create line plots • create picture and bar graphs and use them to solve problems <p>Geometry</p> <ul style="list-style-type: none"> • categorize quadrilaterals using attributes • partition shapes into parts with equal areas <p>Mathematical Practices</p> <ul style="list-style-type: none"> • apply the eight Standards for Mathematical Practice such as problem solving, modeling, and logical reasoning to solve math problems
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Science

Students should know and be able to ...

Understand the **Science & Engineering Practices** as they relate to the application of 3rd Grade Science: *Ask questions and define problems; Develop and use models; Plan and carry out investigations; Analyze and interpret data; Use mathematics and computational thinking; Construct explanations and design solutions; Engage in argument from evidence; Obtain, evaluate, and communicate information*

Understand the **Crosscutting Concepts** and how to apply them to 3rd Grade Science: *Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Energy and Matter; Structure and Function; Stability and Change*

<p>Physical Science</p> <ul style="list-style-type: none"> • ask questions and investigate the relationship between light, objects, and the human eye • plan and carry out an investigation to explore how sound waves affect objects at varying distances • develop and use models to describe how light and sound waves transfer energy <p>Earth and Space Standards</p> <ul style="list-style-type: none"> • Construct an explanation describing how the Sun is the primary source of energy impacting Earth systems 	<p>Life Science</p> <ul style="list-style-type: none"> • Develop and use models to explain that plants and animals (including humans) have internal and external structures that serve various functions that aid in growth, survival, behavior, and reproduction • Plan and carry out investigations to demonstrate ways plants and animals react to stimuli • Develop and use system models to describe the flow of energy from the Sun to and among living organisms • Construct an argument from evidence that organisms are interdependent
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Social Studies

Students should know and be able to ...

Understand the Six Elements of the Inquiry Arc: 1. Developing compelling questions; 2. Constructing supporting questions; 3. Gathering and evaluating sources; 4. Developing claims; 5. Communicating conclusions; 6. Taking informed action

Disciplinary Skills and Processes

- create and use chronological sequence of related events to compare developments that happened at the same time
- compare life in specific historical time periods to life today
- generate questions about individuals and groups who have impacted history
- explain why individuals and groups have different points of view on the same event
- develop questions about Arizona history, geography, government, and economics
- distinguish between primary and secondary sources
- identify and use evidence that draws information from multiple sources to answer compelling questions about Arizona
- compare information provided by various sources about Arizona
- generate questions about multiple historical sources
- construct arguments and explanation using reasoning, examples, and details from sources
- present summaries of arguments and explanations
- explain probable causes and effects of events
- summarize the central claim in a secondary source

Civics

- describe civic virtues and democratic principles within a variety of government structures, societies, and/or communities within Arizona
- use listening and consensus-building and voting procedures to decide on and act in their classroom
- describe the origins, functions, and structure of the Arizona Constitution, local government, and tribal governments
- describe ways in which people benefit from and are challenged by working together, including through families, school, workplaces, voluntary organizations, and government

Economics

- describe and discuss industries and occupations that have shaped Arizona
- identify various forms of earning income in the state of Arizona
- identify positive and negative incentives that influence financial decisions people make to save and spend money
- explain how Arizona is connected to other states

Geography

- use and construct maps and graphs to represent changes in Arizona over time
- explain how people modify and adapt to the Arizona environment
- describe the movement of people in and out of Arizona over time
- describe how Arizona has changed over time

History

- utilize a variety of sources to construct a historical narrative exploring Arizona's cultures, civilizations, and innovations
- use primary and secondary sources to generate questions about the causes and effects of conflicts and resolutions throughout Arizona's history
- examine how individuals and groups have worked together throughout Arizona's history
- evaluate how individual rights, freedoms, and responsibilities can vary based in community, state and nation
- use primary and secondary sources to analyze the changes that have taken place in Arizona which could include the use of current events