**Oklahoma Academic Standards for 4th Grade**

**If students complete all six planets for 4th Grade and the accompanying lessons, they will have covered the following Oklahoma Academic Standards.**

**English Language Arts**

**4th Grade**

1. **Standard 1: Speaking and Listening** - Students will speak and listen effectively in a variety of situations including, but not limited to, responses to reading and writing.
* **Reading:** Students will develop and apply effective communication skills through speaking and active listening.
	+ **4.1.R.1** Students will actively listen and speak clearly using appropriate discussion rules.
	+ **4.1.R.2.** Students will ask and answer questions to seek help, get information, or clarify about information presented orally or through text or other media to confirm understanding.
	+ **4.1.R.3** Students will engage in collaborative discussions about appropriate topics and texts, expressing their own ideas clearly in pairs, diverse groups, and whole class settings.
* **Writing:** Students will develop and apply effective communication skills through speaking and active listening to create individual and group projects and presentations.
	+ **4.1.W.1** Students will report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent sentences at an appropriate pace.
1. **Standard 2: Reading Foundations** - Students will develop foundational skills for future reading success by working with sounds, letters, and text.
* **Print Concepts:** Students will demonstrate their understanding of the organization and basic features of print, including book-handling skills and the understanding that printed materials provided information and tell stories.
	+ **4.2.PC** Students will correctly form letters in print and cursive and use appropriate spacing for letters, words, and sentences.
1. **Standard 2: Reading and Writing Process** - Students will use a variety of recursive reading and writing processes.
* **Reading:** Students will read and comprehend increasingly complex literary and informational texts.
	+ **4.2.R.1** Students will distinguish how key details support the main idea of a passage.
1. **Standard 3: Critical Reading and Writing -** Students will apply critical thinking skills to reading and writing.
* **Writing:** Students will write for varied purposes and audiences in all modes, using fully developed ideas, strong organization, well-chosen words, fluent sentences, and appropriate voice.
	+ **4.3.W.3** Students will express an opinion about a topic and fact-based reasons as support.
1. **Standard 4: Vocabulary -** Students will expand their working vocabularies to effectively communicate and understand texts.
* **Reading:** Students will expand academic, domain-appropriate, grade-level vocabularies through reading, word study, and class discussion.
	+ **4.4.R.1** Students will increase knowledge of academic, domain-appropriate, grade-level vocabulary to infer meaning of grade-level text.
	+ **4.4.R.3** Students will use context clues to determine the meaning of words or distinguish among multiple-meaning words.
* **Writing:** Students will apply knowledge of vocabularies to communicate by using descriptive, academic, and domain-appropriate abstract and concrete words in their writing.
	+ **4.4.W.1** Students will use domain-appropriate vocabulary to communicate ideas in writing.

**Mathematics**

**4th Grade**

1. NONE

**Science**

**4th Grade**

1. NONE

**Computer Science**

**4th Grade**

1. **Computing Systems**
* **Troubleshooting**
	+ **4.CS.T.01** Identify, using accurate terminology, simple hardware and software problems that may occur during everyday use, discuss problems with peers and adults, and apply strategies for solving these problems (e.g., rebooting the device, checking the power, force shut down of an application).
1. **Data Analysis**
* **Storage**
	+ **3.DA.S.01** Choose different storage locations (physical, shared, or cloud) based on the type of file, storage requirements (file size, availability, available memory), and sharing requirements.

**Social Studies**

**4th Grade**

1. **Standard 2: Analyze and Address Authentic Civic Issues:** Students will determine the kinds of sources that will be helpful in answering essential, compelling, and supporting questions addressing authentic civic issues.
* Students will demonstrate the capability for developing essential, compelling, and supporting questions that address authentic civic issues.
	+ **2.A.4-5.1** Create and explore essential questions that are important to others, as well as enduring across the social studies disciplines.
* Students will demonstrate the ability to investigate problems taking into consideration multiple points of view represented in arguments, structure of an explanation and other sources.
	+ **2.B.4-5.1** Explain the challenges people have faced and the strategies used to address local, regional, or national historical problems.
1. **Standard 4: Read Critically and Interpret Informational Sources** Students will engage in critical, active reading of grade-level appropriate primary and secondary sources related to key social studies concepts, including frequent analysis and interpretation of informational sources.
* Students will comprehend, evaluate, and synthesize textual sources to acquire and refine knowledge in the social studies.
	+ **4.A.4-5.3** Acquire and use appropriate academic vocabulary and phrases in a social studies context.

**Health**

**4th Grade**

1. **Standard 4:** Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

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| * + **4.5.2** Demonstrate effective verbal and non-verbal communication skills to enhance health.
1. **Standard 6:** Students will demonstrate the ability to use goal-setting skills to enhance health.
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| * + **6.5.2** Identify resources to assist in achieving a personal health goal.
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**Physical Education**

**4th Grade**

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| 1. **Standard 4:** Exhibits responsible personal and social behavior that respects self and others.
* **Personal Responsibility**
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| * + **S4.E1** Exhibits responsible behavior in independent group situations.
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