**Oklahoma Academic Standards for 2nd Grade**

**If students complete all six planets for 2nd Grade and the accompanying lessons, they will have covered the following Oklahoma Academic Standards.**

**English Language Arts**

**2nd 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.
  + **2.1.R.1** Students will actively listen and speak using appropriate discussion rules.
  + **2.1.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.
  + **2.1.R.3** Students will engage in collaborative discussions about appropriate topics and texts with peers and adults in small and large groups.
* **Writing:** Students will develop and apply effective communication skills through speaking and active listening to create individual and group projects and presentations.
  + **2.1.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 coher3nt sentences.

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.
  + **2.2.PC.1** Students will correctly form letters in print 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.
  + **2.2.R.1** Students will locate the main idea and supporting details of a text.

1. **Standard 3: Critical Reading and Writing -** Students will apply critical thinking skills to reading and writing.

* **Reading:** Students will comprehend, interpret, evaluate, and respond to a variety of complex texts of all literary and informational genres from a variety of historical, cultural, ethnic, and global perspectives.
  + **2.3.R.3** Students will find textual evidence when provided with examples of literacy elements and organization:
    - Setting (i.e., time, place)
    - Plot
    - Characters
    - Characterization
* **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.
  + **2.3.W.2** Students will write facts about a subject and include a main idea with supporting details.

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.
  + **2.4.R.1** Students will acquire new academic, content-specific, grade-level vocabulary and relate new words to prior knowledge and apply vocabulary in new situations.
  + **2.4.R.3** Students will use context clues to determine the meaning of words with guidance and support
* **Writing:** Students will apply knowledge of vocabularies to communicate by using descriptive, academic, and domain-appropriate abstract and concrete words in their writing.
  + **2.4.W.1** Students will use domain-appropriate vocabulary to communicate ideas.

**Mathematics**

**2nd Grade**

1. **Number & Operations (N):**

* **2.N.1** Compare and represent whole numbers up to 1000, with an emphasis on place value and equality.
  + **1.N.1.1** Read, write, discuss, and represent whole numbers up to 1000. Representations may include numerals, words, pictures, tally marks, number lines and manipulatives.

1. **Number & Operations (N):** Operations

* **2.N.2** Add and subtract one and two digit numbers in real-world and mathematical problems.
  + **2.N.2.1** use the relationship between addition and subtraction to generate basic facts up to 20.

**Science**

**2nd Grade**

1. NONE

**Computer Science**

**2nd Grade**

1. **Computing Systems**

* **Devices**
  + **2.CS.D.01** Select and use a computing device to perform a variety of tasks for an intended outcome.
* **Hardware & Software**
  + **2.CS.HS.01** Identify the components of a computer system and what the basic functions are (e.g., hard drive and memory) as well as peripherals (e.g., printers, scanners, external hard drives) and external storage features and their uses (e.g., cloud storage).
* **Troubleshooting**
  + **2.CS.T.01** Identify, using accurate terminology, simple hardware and software problems that may occur during use (e.g., app or program is not working as expected; no sound is coming from the device, caps lock turned on) and discuss problems with peers and adults.

1. **Networks & the Internet**

* **Cybersecurity**
  + **2.NI.C.01** Explain what passwords are; why we use them, and use strong passwords to protect devices and information from unauthorized access.

**Social Studies**

**2nd 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.2-3.1** Ask and respond to enduring essential questions of common concerns to the student, the community and the state.
* 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.2-3.1** Identify a range of local and state problems in which people are trying to address these problems.

1. **Standard 3: Acquire, Apply, and Evaluate Evidence** Students will utilize interdisciplinary tools and master the basic concepts of the social studies in order to acquire and apply content understanding in all related fields of study.

* Students will analyze the principles of economic systems and develop an understanding of the benefits of a market system in local, national, and global settings.
  + **3.C.2-3.2** Describe freedom of choice when determining needs and wants in a free market.

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.2-3.3** Acquire new academic vocabulary and relate new words to prior knowledge, and apply vocabulary in social studies.

**Health**

**2nd 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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| * + **4.2.2** Demonstrate listening skills to enhance health.  1. **Standard 6:** Students will demonstrate the ability to use goal-setting skills to enhance health. |  |
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**Physical Education**

**2nd Grade**

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| 1. **Standard 4:** Exhibits responsible personal and social behavior that respects self and others.  * **Personal Responsibility** | |
| * + **S4.E2** Accepts responsibility for class protocols with behavior and performance actions. |