

Big Ideas: Systems	Essential Vocabulary
ELA – Understand story details, text structure, book awareness	ELA: book, front cover, title, author, illustrator, text, spine, characters, event Math: one, more, zero, how many, less, equal, total, same Science: rainy, sunny, cloudy, snowy, hot, cold, weather, seasons, earth, soil, rocks, environment Social Studies: rules, share, manners, communicate, consequences, expectations
Math – Counting and Number identification	
Science – Earth Systems: Changing weather and changing landforms	
Social Studies – Civics: Class expectations	
Learning Targets What do students need to be able to know / do?	Assessment and Data
Students will demonstrate the understanding of systems across the curriculum.	

ELA Common Core	Math Common Core	Science Essential Standards	Social Studies Essential Standards
<u>Recognize text structure:</u> K.4. With prompting and support, ask a reader about unknown words in a text. K.5. Identify the front cover of the book. K.6. With prompting and support, identify the print as the part of the page to be read (e.g., <i>Show me where I start reading.</i>).	<u>Number names and counting sequence:</u> K.1. Understand number words as representing a quantity. K.2. Understand the concept of “one” and “more”. K.3. Count forward using the 1-10 sequence. K.4. Write or use an	<u>Identify physical properties of objects:</u> EX.K.P.2 Identify objects by their physical properties. <u>Understand characteristics of environments:</u> EX.1.L.2.4 Use one or more of the senses to make observations about the	<u>Understand the expectations of group participation:</u> EX.K.C&G.1.1 Demonstrate joint attention with a peer. EX.K.C&G.1.2 Follow simple classroom expectations (e.g., keep hands and feet to self, stay in your place, do your work).

1.4. With prompting and support, ask a reader about unknown words in a text.

1.5. Identify the front cover of the book.

1.6. With prompting and support, identify the print as the part of the page to be read (e.g., Show me where I start reading.).

Understand concept of print, words and letters:

K.2. Demonstrate understanding of the organization and basic features of print.

- a. Understand that books are read one page at a time from beginning to end.
- b. Understand that print is written left to right.
- c. Understand that print is written top to bottom.

Identify details in stories:

K.1. With prompting and support, answer questions about key details in a familiar story.

K.2. With prompting and support, identify key details in a familiar story.

K.3. With prompting and support, identify characters in a familiar

alternative pencil to write numbers 0-10.

Continue to learn counting sequence and understand the magnitude of the number:

1.1. Count forward using the 1-20 sequence.

1.2. Write or use an alternative pencil to write numbers 0-20.

1.3. Illustrate whole numbers to 20 using objects, representations and numbers.

1.4. Use number word (0-20) of last object counted in a set, to name the total number of objects in the set when asked, "How many?" (cardinality)

1.5. Use zero to indicate no objects when asked, "How many?"

1.6. Compare objects, representations and numbers (1-20) using words "more" and "less".

1.7. Use a set of objects and separate set into smaller sets (number partners).

1.8. Understand a set has smaller quantities within the whole set (inclusion).

1.9. Illustrate the relationship between subsets and the

environment (e.g. weather conditions).

Recognize physical properties of Earth Materials:

EX.1.E.2.1 Identify change in an object (color, size, shape) using one or more of the senses.

EX.1.E.2.2 Identify earth Materials (rocks, soils and water).

EX.1.L.2.4 Use one or more of the senses to make observations about the environment (e.g. weather conditions).

Understand changes in weather conditions:

EX.2.E.1 Understand change and note patterns of weather that occur from day to day.

Understand the expectations of group participation:

EX.1.C&G.1.1 Understand how to initiate positive peer interactions.

EX.1.C&G.1.2 With prompting and support, demonstrate sustained attention by applying knowledge of positive peer interactions.

EX.1.C&G.1.3 Follow simple school expectations (e.g., walk on the right side of the hallways, quiet voice, take turns on the playground).

Understand role of people in a group:

EX.2.C& G.2.1 Demonstrate sustained attention by applying knowledge of positive peer interactions.

EX.2.C&G.2.2 Understand consequences of choices about following rules.

<p>story.</p> <p><u>Use details in text:</u></p> <p>1.1. With prompting and support, ask and answer questions about key details in a text.</p> <p>1.2. With prompting and support, identify key details related to the topic of the text.</p> <p>1.3. With prompting and support, identify words that describe individuals, events or ideas in a text (e.g., Which of these words describe the...?).</p> <p><u>Use details and key ideas in text:</u></p> <p>2.1. Answer such questions as who, what, and where to demonstrate understanding of key details in text.</p> <p>2.2. Listen to stories, including fables and folktales from diverse cultures, and identify one or more ways that the story relates to or connects with self (e.g., Are you more like the tortoise or the hare?).</p> <p>2.3. Identify words that describe the characters in a story.</p>	<p>whole (part-part-whole) using objects.</p> <p><u>Understand place value in base ten:</u></p> <p>2.1. Count (0-30) by indicating one object at a time (one-to-one tagging) using one counting word for every object (synchrony), while keeping track of objects that have and have not been counted.</p>		
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UDL Suggestions

See google document: UDL Suggestions 2013-2014

Resources & Materials

See google document: Curriculum Resources

Informational and Technology Essential Standards (ITES)**Sources of Information:**

K.SI.1 Classify useful sources of information. 1.SI.1 Recall useful sources of information.

Informational Text:

K.IN.1, 1.IN.1 Understand the difference between text read for enjoyment and text read for information.

Technology as a Tool:

K.TT.1, 1.TT.1, 2.TT.1 Use technology tools and skills to reinforce classroom concepts and activities.

Safety and Ethical Issues:

K.SE.1 Remember safety and ethical issues related to the responsible use of information and technology resources.