

Big Ideas: Systems		Essential Vocabulary
ELA – Fiction		<b>Terms will be identified during the 2012-2013 school year</b>
Math – Probability		
Science – Ecosystems		
Social Studies – Economics		
Learning Targets What do students need to be able to know / do?		Assessment and Data
Students will be able to identify and understand the systems within a content area across the curriculum.		

ELA Common Core	Math Common Core	Science Essential Standards	Social Studies Essential Standards
<u><b>Understand text:</b></u> <b>6.10.</b> Demonstrate understanding of text while actively engaging in reading and listening to stories, dramas, and poetry for clearly stated purposes (e.g., <i>Read or listen to the poem to compare it with the poem we read yesterday. Read or listen to the text to identify words that describe what the narrator is th</i> <b>7.10.</b> Demonstrate understanding of text while actively engaged in reading and listening to stories, dramas, and poetry for clearly stated	<u><b>Random Sampling:</b></u> <b>7.1.</b> Identify a representative random sample (i.e., would not select only the people who ride buses) <b>7.2.</b> Use samples to gain information about a population. <b>7.3.</b> Interpret the results of the sampling.	<u><b>Understand the flow of energy through an ecosystem:</b></u> <b>EX.6.L.3.1</b> Define producers and consumers. <b>EX.6.L.3.2</b> Classify living things as either producers or consumers.  <u><b>*Understand Decomposers:</b></u> <b>EX.7.L.2.1</b> Define	<u><b>Understand implications of economic decisions:</b></u> <b>EX.7.E.1.1</b> Compare prices between economic competitors to find the best value. <b>EX.7.E.1.2</b> Explain how personal financial resources affect the choices people make based on their wants and needs. <b>EX.7.E.1.3</b> Understand that personal

<p>purposes (e.g., <i>Read or listen to the story to compare it with the video we watched. Read or listen to the text to determine how the two main events are related.</i>).</p> <p><b>8.10.</b> Demonstrate understanding of text while actively engaged in reading or listening to stories, dramas, and poems for clearly stated purposes (e.g., <i>Read or listen to the story to select quotes that best reflect the theme. Read or listen to the story to determine why it is humorous.</i>).</p>	<p><b><u>Likelihood of events:</u></b></p> <p><b>7.5.</b> Understand the events of probability as being possible or impossible.</p>	<p>decomposers.</p> <p><b>EX.7.L.2.2</b> Understand how decomposers and consumers are different.</p> <p><b>EX.7.L.2.3</b> Classify living organisms as producers, consumers, or decomposers.</p> <p><b><u>Understand how organisms interact and respond to their environment :</u></b></p> <p><b>EX.8.L.2.1</b> Identify that in a simple food chain, energy transfers from the Sun to plants (producers), to animals (consumers), and to organisms that cause decay (decomposers).</p> <p><b>EX.8.L.2.2</b> Understand the relationship between living things and their environment.</p>	<p>choices result in benefits or consequences.</p>
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## UDL Suggestions

## Resources & Materials

**Resources will be identified during the 2012-2013 school year**