

Learning Snapshot

Week of December 4, 2023



6th Grade

Math	ELA	Science	Social Studies
<p><u>Math 6</u></p> <p>I understand that if two ratios have the same rate per 1, they are equivalent ratios.</p> <p>When measurements are expressed in different units, I can decide who is traveling faster or which item is the better deal by comparing “how much for 1” of the same unit..</p>	<p>I can answer selected response and constructed response items to demonstrate research skills, such as the ability to choosing the most relevant search results, understanding how the quality and specificity of search terms impacts search results, identifying types of sources, assessing reliability and credibility of possible sources, evaluating paraphrasing, paraphrasing information from a source, and gathering bibliographic information from a source.</p>	<p>I can explain the difference between pollination and fertilization in plants. I can create a model of photosynthesis and respiration.</p> <p>I can identify different plant defense mechanisms.</p>	<p>I can explain how different government styles affected the development of the Greek culture</p>
<p><u>Math 6+</u></p> <p>I can do long division using decimals.</p>			

7th Grade

Math	ELA	Science	Social Studies
<p><u>Math 7</u></p> <p>I can solve problems that involve multiplying rational numbers.</p>	<p>I can cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.</p>	<p>I can identify potential and kinetic energy.</p>	<p>7.H.1.4 Critique the effectiveness of cooperative efforts and consensus-building among nations, regions, and groups from various perspectives.</p>
<p><u>Math 7+</u></p> <p>I can describe a line precisely enough that another student can draw it.</p> <p>I can calculate positive and negative slopes given two points on the line.</p> <p>I can write equations of lines that have a positive or a negative slope.</p> <p>I can write equations of vertical and horizontal lines.</p>	<p>I can conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.</p> <p>I can gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.</p>		<p>7.E.1.2 Explain how national and international economic decisions reflect and impact the interdependency of societies.</p>

8th Grade

Math	ELA	Science	Social Studies
<p><u>Math 8</u></p> <p>I can solve systems of equations both graphically and algebraically.</p>	<p>I can analyze the development of a theme or central theme idea throughout the text (including its relationship to the characters, setting, and plot).</p>	<p>I can connect natural selection and genetic variation to the theory of evolution.</p>	<p>I can demonstrate how economic growth and decline impacts why people live where they do and how they live within North Carolina and the United States.</p>
<p><u>Math 1</u></p> <p>I can use algebra to solve geometric problems and prove basic geometric theorems.</p>	<p>I can analyze how specific dialogue or incidents in a plot propel the action, reveal aspects of a character, or provoke a decision.</p> <p>I can compare and contract the text of the play to a movie version and consider stylistic choices made by directors/producers.</p>		

X-HOUSE

	Fine Arts	Dance Arts	Music	Health and PE	
GL	White	Wasaff	Fellenbaum	Sperati	Thomas
6	I can create a piece of art that displays symbolism.	I can perform and understand the key elements of African dance.	I can identify and perform music using pitches from the Major, minor and pentatonic scales. I can identify and describe music from Ancient China.	I can explain the increase of incidence of disease and mortality over the last decades.	I can use Centennovator characteristics and design a thinking model to create a "Better Sport".
7	I can create a piece of art that displays the elements of art.	I can create a collaborative dance on camera production.	I can identify and describe music from the early Modern Period. I can prepare for a performance.	I can analyze the immune system in terms of the organs, their functions, and their interrelationships.	I can use Centennovator characteristics and design a thinking model to create a "Better Sport".
8	I can create a piece of art that displays composition.	I can create a site-specific dance and apply feedback.	Chorus: I can sight-sing various pitches and rhythms. I can prepare for a performance. Guitar: I can identify, describe and perform indigenous music from NC. I can prepare for a performance.	I can evaluate health information and products.	I can use Centennovator characteristics and design a thinking model to create a "Better Sport".

X-HOUSE

	CTE		Spanish	Innovation
GL	Moon	Cason	Scarano	McDonald & Zazi
6	I can understand plotting shapes, drawing in game lab, variables, sprites and the draw loop.	I can present a formal presentation	I can answer the question where I am from in Spanish.	I can use design thinking skills to research and brainstorm ideas for our courtyard redesign.
7	I can design a home to fit a specific environment and model it.	I can present a formal presentation	I can use the verb hacer with various nouns in order to state what the weather is like.	I can use design thinking skills to code, prototype and complete our problem: Design an autonomous device that can help farmers.
8	I can design systems with human needs in mind.	I can present a formal presentation	I can use the verb hacer with various nouns in order to state what the weather is like.	I can use design thinking skills to code, prototype and complete our problem: Design an autonomous device that can help farmers.