

Scope and Sequence
Core Curriculum Standards Pacing Guide:
8th Grade Technology

Semester 1:

Content Statement	CPI's	CPI Indicator	Suggested Activities
Technological Advancements create Societal Concerns regarding the practice of safe, legal, and ethical behaviors	8.1.8.D.1 8.1.8.D.2 8.1.8.D.3	<ol style="list-style-type: none"> 1. Model appropriate online behaviors related to cyber safety, cyber bullying, cyber security and cyber ethnics 2. Summarize the application of fair use and creative commons guidelines 3. Demonstrate how information on a controversial issue may be biased. 	<p>Social Studies</p> <ul style="list-style-type: none"> • Beginnings of America • Early American Government <p>Modernize the war How would individuals use social media to relay news about the French Revolution/Revolution</p>
Digital Tools and Environments support the learning process and foster collaboration in solving local and global issues and problems	8.1.C.1	<ol style="list-style-type: none"> 1. Participate in an online discussions with learners in the United States or from other countries to understand their perspectives on a global problem or issue 	<p>Reading PBL</p> <ul style="list-style-type: none"> • Authentic learning Environment join online learning community to display projects. <p>Social Studies:</p> <ul style="list-style-type: none"> • Conference with professionals about Revolutionary or French War. • Compare modern day revolutions to historic revolutions <p>Science/Health</p> <ul style="list-style-type: none"> • Health – Evaluate health care and disease control and prevention create PSA

			•
The Use of Technology and Digital Tools requires knowledge and appropriate use of operations and related applications	8.1.8.A.1 8.1.8A.3 8.1.8.A.5	1. Create professional documents using advanced features in a word processing program 2. Create a multimedia presentation including sound and images 3. Select Appropriate Tools and digital resources to accomplish a variety of tasks and to solve problems.	Reading PBL Social Studies: <ul style="list-style-type: none"> • War Documentaries • Podcast • Webpage • Multimedia Presentation Science: <ul style="list-style-type: none"> • Lab Report Writing • Tutorial on Lab Equipment (commercial)

Semester 2:

Content Statement	CPI's	CPI Indicator	Suggested Activities
The Use of Technology and Digital Tools requires knowledge and appropriate use of operations and related applications	8.1.8.A.2 8.1.8.A.4	1. plan and create a simple database, define fields, input data, and produce a report using sort and query. Generate a spreadsheet to calculate, graph, and present information	Social Studies <ul style="list-style-type: none"> • Survey of Constitutional Laws (which should and shouldn't be included) Science: <ul style="list-style-type: none"> • Graph displaying results of Chemical Reactions in Experiments Reading: <ul style="list-style-type: none"> • Analyze characteristics of characters using forms. Math: Statistics

Semester 3:

Content Statement	CPI's	CPI Indicators	Suggested Activities
Information accessed through the use of digital tools assists in generating solutions and making decisions	8.1.8.F.1	Use of an electronic authoring tool in collaboration with learners from other countries to evaluate and summarize the perspectives of other	Social Studies: <ul style="list-style-type: none"> • Compare and Contrast Governmental systems (Constitution)-

		cultures about a current event or contemporary Figure	with a video conference or Blog. Science: Collaborate with students via blog or backchannel to conduct a chemistry science experiment and compare outcomes Reading :PBL
The use of digital tools and media rich resources enhances creativity and the construction of knowledge	8.1.8.B.1	Synthesize and publish information about a local or global issue or event on a collaboration web based service	Reading PBL Social Studies: Debate States Rights and create propaganda webpages/blog or multimedia presentation and compare to states rights today

Semester 4

Content Statement	CPI	CPI Indicator	Suggested Activities
Effective use of digital tools assists in gathering and managing information	8.1.8.E.1	Gather and Analyze findings using data collection technology to produce a possible solution for a content-related or real world problem.	Reading PBL Social Studies: <ul style="list-style-type: none"> • Civil War Documentary (examine Ken Burns Effect) • Webpage • Multimedia Presentation Science: *Google Earth
Digital Tools and Environments support the learning process and foster collaboration in solving local and global issues and problems	8.1.C.1	1. Participate in an online discussions with learners in the United States or from other countries to understand their perspectives on a global problem or issue	Reading PBL Social Studies: <ul style="list-style-type: none"> • Online community to share multimedia Presentation • Blog

<p>The Use of Technology and Digital Tools requires knowledge and appropriate use of operations and related applications</p>	<p>8.1.8.A.1 8.1.8A.3 8.1.8.A.5</p>	<ol style="list-style-type: none"> 1. Create professional documents using advanced features in a word processing program 2. Create a multimedia presentation including sound and images 3. Select Appropriate Tools and digital resources to accomplish a variety of tasks and to solve problems. 	<p>Reading PBL Social Studies: *Survey online community * Video Conference with peers Science: * 3D models of Shelters from Catastrophic events</p>
--	---	--	---