P.Cert.Grade 8 October Copied from: Grade 8, Copied on: 09/15/21

Content Area: **Technology**
Course(s):
Time Period: **October**
Length: **4-5 Weeks**
Status: **Published**

Unit Overview

Students will continue college cost project and work with SmartArt and Hyperlink.

Enduring Understandings

We can create professioinal presentations using technology.

Essential Questions

How do we use SmartArt and Hyperlinks?

Instructional Strategies & Learning Activities

Objective: Excel & Internet: Comparing College Costs
The student will be able to research current costs of college tuition and fees at various types of colleges & universities throughout the United States to compare expenses visually in a bar graph.

Differentiation:
Students choose all data

Assessment:
Rubric

Objective: Amendment s THREE Slide PPTX with Smart Art and Hyperlink
The student will be able to creat 3 slides to showcase Amendments 1, 4, and 5 using Smart Art and Hyperlink to content in DO NOW style one day activity.

Differentiation:
Artistic design elements

Assessment:

Rubric

Objective: **SCRATCH - Create a Message**
The student will be able to create an animated message using Scratch.

Differentiation:
All aspects of code build - sprite, backdrops, animations, etc.

Assessment:
Rubric

Integration of 21st Century Themes and Career Exploration

Students will continue researching careers of interest and pathways to the education they need.

CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP5	Consider the environmental, social and economic impacts of decisions.
CRP.K-12.CRP6	Demonstrate creativity and innovation.
CRP.K-12.CRP7	Employ valid and reliable research strategies.
CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP.K-12.CRP9	Model integrity, ethical leadership and effective management.
CRP.K-12.CRP11	Use technology to enhance productivity.
CRP.K-12.CRP12	Work productively in teams while using cultural global competence.
CAEP.9.2.8.B.1	Research careers within the 16 Career Clusters ® and determine attributes of career success.
CAEP.9.2.8.B.2	Develop a Personalized Student Learning Plan with the assistance of an adult mentor that includes information about career areas of interest, goals and an educational plan.
CAEP.9.2.8.B.5	Analyze labor market trends using state and federal labor market information and other resources available online.
CAEP.9.2.8.B.6	Demonstrate understanding of the necessary preparation and legal requirements to enter the workforce.

Technology Integration

See activities above and standards below.

Interdisciplinary Connections

LA.RI.8.1	Cite the textual evidence and make relevant connections that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.
LA.RI.8.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.
LA.RI.8.7	Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea.
LA.RI.8.10	By the end of the year read and comprehend literary nonfiction at grade level text-complexity or above, with scaffolding as needed.
LA.W.8.1	Write arguments to support claims with clear reasons and relevant evidence.
LA.W.8.6	Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others.
LA.W.8.7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.
LA.SL.8.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.
LA.SL.8.5	Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.
LA.L.8.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
LA.L.8.2	Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
LA.L.8.4	Determine or clarify the meaning of unknown and multiple-meaning words or phrases based on grade 8 reading and content, choosing flexibly from a range of strategies.
LA.L.8.6	Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.

Differentiation

Differentiation will be offered as listed in the above activities.

Modifications & Accommodations

IEP and 504 Accommodations will be utilized.

Benchmark Assessments

Teacher made assessments to measure growth.

Formative Assessments

Discussion

Teacher observation

projects

Summative Assessments

Projects

Assessments listed above

Instructional Materials

Materials as needed for projects

Standards

TECH.8.1.8.A.4	Graph and calculate data within a spreadsheet and present a summary of the results.
TECH.8.1.8.B.CS1	Apply existing knowledge to generate new ideas, products, or processes.
TECH.8.1.8.C.CS3	Develop cultural understanding and global awareness by engaging with learners of other cultures.
TECH.8.1.8.E.CS1	Plan strategies to guide inquiry.
TECH.8.1.8.E.CS3	Evaluate and select information sources and digital tools based on the appropriateness for specific tasks.
TECH.8.1.8.E.CS4	Process data and report results.