

Unit Title: Web Site

Grade Level: 8

Subject Area: Data Processing

Description:

Prerequisite: Students have previously created a business of their choice and all the documents pertaining to it using Google Docs, Slides, Sheets, Forms and MS Word Database.

Unit: Students will design a website showcasing their work by linking all of the documents they have created for their business. They will also create a video explaining their business and link it to the front page.

Established Goals (National, State, Local):ISTE STANDARDS:

- I. Creativity & Innovation
 - B. Create original works as a means of personal or group expression
- II. Communication and Collaboration
 - B. Communicate information and Ideas effectively to multiple audiences using a variety of media and formats
- III. Research and Information Fluency
 - A. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media
 - B. Evaluate and selection info sources and digital tools
 - C. Process data and report results
- IV. Critical Thinking, Problem-Solving, and Decision-Making
 - B. Plan and manage activities
 - C. Collect and analyze data
- VI. Technology Operations and Concepts
 - B. Select and use applications effectively and productively

What Enduring Understandings are desired?

Information is organized in different formats and forms for varying purposes using multiple applications.

The way that data is organized and displayed influences interpretation.

Aesthetics can foster interpretation, imagination and significance.

What Essential Questions will be considered?

1. What are your goals for this project?
2. Content. What specific features do you want on the site?
3. Usability. How functional is the website design for the average user?
4. Aesthetics. Does the look and feel of your page project as much importance as the functionality?

Students will know / be able to: Students will be able to use technology and communication skills to showcase their work as they build a functional, usable, and aesthetic website.

<p>Description</p> <p style="text-align: center;"><i>Units must include at least one of each formative, summative, introductory activity and learning activity. Check the appropriate box; one per row.</i></p>	<p style="text-align: center;">Formative</p>	<p style="text-align: center;">Summative</p>	<p style="text-align: center;">Introductory Activity</p>	<p style="text-align: center;">Learning Activity</p>	<p style="text-align: center;">Student Technology Used</p>	<p style="text-align: center;">Teacher Technology Used</p>	<p style="text-align: center;">ISTE Standards</p>
<p>Before students create each page, using Google Sites, instructor reviews the creation steps and aesthetics of each page and has the student create an exit ticket showing what they learned.</p>	X		X		X	X	II.B
<p>Students plan the main page of their website and the links that they will attach. They also plan the pages that will be attached to their main website to showcase each area of their previously created Business Plan documents.</p>	X			X	X	X	I.B IV.B,C
<p>Students create the main page and links.</p>	X			X	X	X	I.B III. A,C
<p>Students create the supporting pages and link documents they feel will best showcase their work.</p>	X			X	X	X	I.B III. A,C
<p>Instructor reviews the steps to create and edit a video using the WeVideo program and students create and edit a short practice video together in class.</p>	X		X	X	X	X	III.B VI. B
<p>Students create and edit a short video explaining what their website is about, including explanations of the supporting pages and links. Student link the video to their main page.</p>				X	X	X	II.B
<p>Students finish their website and test it out on other students. Students access the final result, make changes as needed and share with instructor and peers.</p>		X		X	X	X	I.B, II.B IV.C

Materials, tools and resources: Google Docs, Slides, Sheets, Google Sites, WeVideo, Google Forms

Unit Plan Author: Diana Erickson, Luverne Public Schools

