

**“Choose Your Own Techventure”
Instructional Plan for Computer Applications
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Stage 1 – Desired Results	
<p>Established Goals:</p> <p>National Educational Technology standards for students: NETS*S #1: Students are proficient in the use of technology.</p> <p>NETS*S #2: Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.</p> <p>NETS*S #3: Students use technology tools to enhance learning, increase productivity, and promote creativity.</p> <p>NETS*S #4: Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.</p> <p>NETS*S #5: Students evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.</p>	
<p>Understandings: <i>Students will understand that ...</i></p> <p>Effective design can enhance a message being presented.</p>	<p>Essential Questions:</p> <p>How can you convey essential information in a way that is engaging and authentic?</p>
<p><i>Students will know ...</i></p> <p>Microsoft Word has many desktop publishing features (columns, Word Art, Auto Shapes, borders, text boxes, section breaks)</p> <p>PowerPoint can be used to convey information through interactive and multimedia components.</p> <p>Resources are available to learn and discover new technology skills.</p>	<p><i>Students will be able to ...</i></p> <p>Research information for newspaper articles for an authentic audience (student’s choice).</p> <p>Select, evaluate and use desktop publishing skills to communicate information of student’s choice.</p> <p>Open a Word Outline in PowerPoint.</p> <p>Use action buttons or hyperlink to create interactivity in PowerPoint.</p> <p>Create an original design template for a PowerPoint presentation</p> <p>Use available resources to learn a new technology (student’s choice) and share this with classmates.</p>

Stage 2 – Assessment Evidence

Performance Tasks:

1. Newspaper: As a class decided on an authentic audience for newspaper project. In groups, write articles and design layout for one page.
2. Interactive PowerPoint: Create a survey to discover what classmates already know about topic. Write text and design and interactive PowerPoint to educate about chosen topic.
3. Choose your own Techventure: Choose one new software tool to learn and discover in groups.

Other Evidence:

1. Word Vocabulary Quiz
2. Rubric check for PowerPoint
3. Peer evaluation of PowerPoint
4. Techventure Final Paper

Self Assessment:

1. Self-assess the project
2. Self-assess the PowerPoint
3. Journal reflections

Stage 3 – Learning Plan

Learning Activities:

1. Class discussion: What type of audience could we write a newspaper for? How can we use our desktop publishing skills to be effective and persuasive? What are some of main features of a newspaper?
2. Once the class has chosen the audience, students will break into group and brainstorm ideas for individual articles and design ideas.
3. Students will write first draft of article. Classmates will use “track changes” to edit group articles. Final revisions will be made to be ready for publication.
4. Teacher will instruct students how to use section break to separate columns and sections of a newspaper. Groups will place articles on 11x17 Word document and decide placement of text, Word Art, images, auto shapes, and borders. Groups will proofread pages and ready for print.
5. Word vocabulary quiz and application test.
6. Class discussion: How have you seen PowerPoint been used before? What makes PowerPoint so engaging? What type of multimedia components can be added to PowerPoint?
7. Brainstorm topics that you have always been interested in and could choose for an interactive PowerPoint topic.
8. Create a simple survey in Excel and write 4-5 questions to discover what your classmates already know about your chosen topics.
9. Using this knowledge, students will then write their PowerPoint text in Word outline view (keeping slide titles on Level 1 and slide text on Level 2 of the outline).
10. Students will design an original design template using the slide master of PowerPoint. Students will then open their Word outline in PowerPoint and apply the original design template.
11. Students will then modify slide layouts, add images, add interactive action buttons or hyperlinks, add animation & transitions, and any chosen multimedia components.
12. Students and teacher will use rubric to evaluate PowerPoint presentation.
13. Classmates will interact with PowerPoint presentations and evaluate each other’s projects for effectiveness and interactivity.
14. Class discussion: If you could choose ANY software tool that is available here at school, which one would you choose and why? What will you need to know in order to learn your new technology? What resources are available to you? What do you hope to learn?
15. Students will work with partners or small groups to discover their new technology.
16. Students will write a daily blog entry about their learning discoveries and thoughts.
17. At the end of the term, each group will share with classmates what they learned.

