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TECHNOLOGY IN THE CLASSROOM

The Magic of Video Editing in CANVA

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The Magic of Video Editing in CANVA

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GOALS AND OBJECTIVES

As a technology-driven educator, I am passionate about creating learning experiences that are both engaging and effective. I enjoy it when students can learn the academic standards in a way that sparks curiosity and collaboration. Classroom learning should go beyond traditional materials such as paper, pencils, and handouts. Students deserve to interact with interactive technologies that help them develop self-determination and self-regulation skills. By integrating tools like Canva into the classroom, I aim to provide students with opportunities to explore their creativity, enhance their understanding of various subjects, and develop valuable life skills. I strive to create a dynamic and collaborative learning environment where students are motivated to learn and grow.

This professional development proposal aims to leverage Canva as a tool to enhance student engagement, learning, and skill development through creative video projects. The goals and objectives of the project are outlined below:

- **Engage Students**: Teachers can use Canva to create engaging classroom videos, allowing students to unleash their creativity through various video activities.
- **Enhance Learning**: Students can create documentaries, explainer videos, book trailers, and more, using Canva to enhance their understanding of subjects like history, science, language arts, and current events.
- **Develop Skills**: The project not only enhances academic learning but also fosters valuable life skills such as clear communication, creativity, organization, planning, and problem-solving, making it a comprehensive and beneficial proposal.
- **Develop Self-regulation Skills**: This course equips students with strategies to manage their emotions, behaviors, and thoughts effectively, fostering greater self-discipline and goal achievement.
- **Collaborative Learning**: Students can work on collaborative projects, promoting team-based learning and imaginative creations.

FLORIDA STANDARDS

Learning to use CANVA video editing tools will empower students to excel in their assignments by enhancing their ability to present information creatively and effectively. This skill is crucial for meeting various educational standards, such as **SS.912.A.4** - demonstrating knowledge of major eras of U.S. history, **SC.K.1.P.8** - observing and describing the natural world, **SC.3.L.16.1** - recognizing the basic needs of plants and animals, **LA.FS.6.RI.2.4** - determining the central idea of a text, and **ELA.3.V.1.1** - using grade-level academic vocabulary appropriately in speaking and writing. These standards are examples of the academic areas in which students can engage in projects to develop their skills in presenting information learned through the regular curriculum.

History:

- **SS.912.A.4**: The student will demonstrate knowledge of the major eras of United States history from Reconstruction to the present.

Science:

- **SC.K.1.P.8**: Observe and describe the natural world, including plants, animals, and weather.
- **SC.3.L.16.1**: Recognize that plants and animals have basic needs for survival and that organisms can survive only in environments that meet those needs.

Language Arts:

- **LA.FS.6.RI.2.4**: Determine the central idea of a text and analyze its development over the course of the text, including how it emerges from the accumulation of sentences and paragraphs.
- **ELA.3.V.1.1**: Use grade-level academic vocabulary appropriately in speaking and writing.

COURSE OUTLINE & OVERVIEW

Project-Based Learning (PBL) encourages students to think critically and solve complex problems by engaging them in real-world projects. This approach helps students analyze information, make decisions, and develop solutions to real-world issues, enhancing their critical thinking and problem-solving skills. Through hands-on activities and in-depth investigations, students gain a deeper understanding of academic content, connecting theoretical knowledge with practical applications. PBL also fosters improved collaboration and communication skills, as students often work in groups, learning to share ideas and communicate effectively with their peers. Additionally, engaging in meaningful projects increases student motivation and engagement, leading to better academic performance.

Moreover, learning to use video-editing tools as part of PBL offers significant benefits. It allows students to present their projects and their learned information in a dynamic and engaging format. This enhances their technical skills and boosts their creativity and ability to convey complex ideas visually. Video editing encourages students to think critically about how to communicate their message best, fostering a deeper understanding of the content. Additionally, these skills are highly relevant in today's digital world, preparing students for future academic and professional endeavors. Finally, PBL helps students develop essential 21st-century skills such as creativity, critical thinking, collaboration, and technological proficiency, which are crucial for success in today's knowledge-based, highly technological society.

1. Introduction to Canva Video Editing

- **Overview of Canva**: Introduction to Canva and its video editing capabilities.
- **Setting Up**: Creating a Canva account and navigating the interface.

2. Basic Video Editing Techniques

- **Uploading Media**: How to upload photos and videos.
- **Magic Design Tool**: Using Canvas' one-click Magic Design tool for easy editing[2].
- **Adding Captions**: Enhancing videos with captions for better understanding and accessibility.

3. Advanced Editing Features

- **Voiceovers**: Recording and adding voiceovers to personalize videos.
- **Animations**: Matching and moving animation elements to create stunning visuals.
- **Interview Editing**: Cutting, trimming, and polishing interview footage.

5. Collaborative and Creative Projects

- **Digital Storytelling**: Designing narrative videos using images, text, and music.
- **Group Projects**: Working in groups to create themed videos, splitting tasks like research, filming, narration, and editing.

6. Classroom Applications

- **History Projects**: Creating documentary-style videos on historical events.
- **Science Explainers**: Designing explainer videos on scientific concepts.
- **Language Arts**: Filming book trailers and reviews.
- **Foreign Language**: Crafting public service announcements promoting cultural aspects.
- **Current Events**: Producing news reports on recent events.

6. Practical Workshop Activities

- **Hands-On Practice**: Participants will practice video editing using Canva.
- **Project Creation**: Creating a sample video project from start to finish.

8. Conclusion and Q&A

- **Review**: Recap of key points and techniques.
- **Q&A Session**: Addressing participants' questions and providing additional tips.

SAMPLE LESSON PLAN & STEP-BY-STEP GUIDE

Lesson Plan: Documenting a Science Experiment on Forces and Motion

Grade Level: 6th Grade

Subject: Science

Topic: Forces and Motion

Florida State Standard: SC.6.P.13.1 - Investigate and describe types of forces, including contact forces and forces acting at a distance, such as electrical, magnetic, and gravitational.

Objective:

Students will conduct a science experiment to explore types of forces (gravity, friction, etc.), Newton's laws of motion, and the relationship between force, mass, and acceleration. They will document their experiment by filming, editing, and creating a narrative video presentation using Canvas' video editing tools.

Materials:

- Objects of various masses (e.g., balls, toy cars)
- Ramps
- Spring scales
- Stopwatch
- Measuring tape
- Computers/tablets with internet access
- Canva accounts

Lesson Duration:

- **Day 1**: Introduction and Experiment Setup (45 minutes)
- **Day 2**: Conducting and Filming the Experiment (45 minutes)
- **Day 3**: Video Editing and Presentation Creation (45 minutes)

Day 1: Introduction and Experiment Setup

1. **Introduction to Forces and Motion** (15 minutes)
    - Discuss types of forces (gravity, friction, etc.).
    - Explain Newton's laws of motion.
    - Discuss the relationship between force, mass, and acceleration.
2. **Experiment Setup** (30 minutes)
    - Divide students into small groups.
    - Provide each group with materials.

- Explain the experiment procedure:
  - Measure the mass of each object.
  - Use the ramp to observe the motion of objects.
  - Measure the force required to move objects using spring scales.
  - Record the time taken for objects to travel a certain distance.

Day 2: Conducting and Filming the Experiment

1. **Conducting the Experiment** (20 minutes)
   - Students perform the experiment in their groups.
   - Record observations and data (e.g., force, mass, acceleration).
2. **Filming the Experiment** (25 minutes)
   - Students film the experiment process, capturing key moments and steps.
   - Ensure they record clear footage of the setup, execution, and results.

Day 3: Video Editing and Presentation Creation

1. **Introduction to Canva Video Editing** (10 minutes)
   - Demonstrate how to use Canva's video editing tools.
   - Show how to upload media, add captions, and use voiceovers.
2. **Creating the Video** (30 minutes)
   - Students edit their footage to create a cohesive narrative.
   - Include:
     - Introduction to the experiment.
     - Explanation of forces and motion.
     - Demonstration of the experiment.
     - Analysis of results (relationship between force, mass, and acceleration).
     - Conclusion.
3. **Presentation and Review** (5 minutes)
   - Groups present their videos to the class.
   - Discuss the findings and reflect on the experiment.

Assessment:

- Participation in the experiment and video creation.
- Quality and accuracy of the video presentation.
- Understanding of forces, Newton's laws, and the relationship between force, mass, and acceleration.

Differentiation Strategies

English Language Learners (ELL)

- **Visual Aids**: Use visuals, diagrams, and videos to support understanding of scientific concepts.
- **Simplified Language**: Provide instructions and explanations in simplified English.

- **Bilingual Resources**: Offer resources in English and the student's native languages.
- **Peer Support**: Pair ELL students with bilingual peers or those proficient in English for collaborative work.
- **Vocabulary Lists**: List key vocabulary terms with definitions and visual aids.

Students with Specific Exceptionalities

- **Clear Instructions**: Break down tasks into smaller, manageable steps with clear, concise instructions.
- **Frequent Breaks**: Allow short, frequent breaks to help maintain focus and reduce restlessness.
- **Hands-On Activities**: Incorporate hands-on, interactive activities to keep students engaged.
- **Flexible Seating**: Provide options for flexible seating arrangements to accommodate movement needs.
- **Scaffolded Support**: Provide additional support and scaffolding, such as step-by-step guides and checklists.
- **Small Group Instruction**: Offer small-group or one-on-one instruction to address individual needs.
- **Frequent Check-Ins**: Conduct frequent check-ins to monitor progress and provide feedback.
- **Modified Assignments**: Adjust the complexity and length of assignments to match students' abilities.
- **Positive Reinforcement**: Use positive reinforcement to encourage effort and progress.
- **Extended Learning**: Provide opportunities for extended learning and deeper exploration of scientific concepts.
- **Leadership Roles**: Assign leadership roles within group activities to challenge and engage advanced learners.
- **Enrichment Activities**: Offer enrichment activities, such as researching real-world applications of Newton's laws.
- **Higher-Order Questions**: Pose higher-order questions that require critical thinking and problem-solving.

Step-by-Step Guide to Using Canva Video-Editing Tools

Step 1: Create a Canva Account

1. Go to Canva's website.
2. Sign up for a free account using your email, Google, or Facebook account.

Step 2: Start a New Video Project

1. Once logged in, click the **"Create a design"** button.
2. Select **"Video"** from the dropdown menu.

Step 3: Upload Media

1. Click on the **"Uploads"** tab on the left sidebar.
2. Click the **"Upload media"** button to upload your photos and videos of the experiment.
3. Select the files from your computer and upload them to Canva.

Step 4: Add Media to Your Timeline

1. Drag and drop your uploaded videos and photos onto the timeline at the bottom of the screen.
2. Arrange the clips in the order you want them to appear in your video.

Step 5: Trim and Split Clips

1. Click on a video clip in the timeline to select it.
2. Use the **"Trim"** handles on either side of the clip to shorten it.
3. To split a clip, place the playhead where you want to split and click the **"Split"** button (scissors icon).

Step 6: Add Text and Captions

1. Click on the **"Text"** tab on the left sidebar.
2. Choose a text style and drag it onto your video.
3. Type your text, such as titles, captions, or explanations of the experiment steps.
4. Adjust the font, size, color, and position as needed.

Step 7: Add Voiceovers

1. Click the **"Uploads"** tab and then the **"Record yourself"** button.
2. Record your voiceover explaining the experiment and its findings.
3. Drag the recorded audio onto the timeline and align it with the corresponding video clips.

Step 8: Add Animations and Transitions

1. Click on a video clip or text box to select it.
2. Click the **"Animate"** button in the top toolbar.
3. Choose an animation effect to apply to your clip or text.
4. To add transitions between clips, click the **"Transitions"** button between two clips on the timeline and select a transition style.

Step 9: Add Music and Sound Effects

1. Click on the **"Audio"** tab on the left sidebar.
2. Browse Canva's library of music and sound effects.
3. Drag your chosen audio onto the timeline and adjust its length and position.

Step 10: Preview and Adjust

1. Click the **"Play"** button to preview your video.
2. Make any necessary adjustments to the clips, text, animations, and audio.

Step 11: Export Your Video

1. Once you are satisfied with your video, click the **"Download"** button in the top right corner.
2. Select the video format (MP4 is recommended) and click **"Download"**.

Step 12: Share Your Video

1. Share your video with your classmates and teacher by uploading it to a shared platform or presenting it in class.

RESOURCES LIST

Bond, M., Buntins, K., Bedenlier, S., Zawacki-Richter, O., & Kerres, M. (2020). Mapping research in student engagement and educational technology in higher education: a systematic evidence map. *International Journal of Educational Technology in Higher Education*, *17*(1). https://doi.org/10.1186/s41239-019-0176-8

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https://www.canva.com/education/

https://www.fldoe.org/academics/standards/

https://www.youtube.com/watch?v=O56hiV7SMw8

https://www.ldonline.org/ld-topics/ieps/accommodations-students-ld