

WCSD/NUES Educational Technology

Animation

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer

Animation (Frames, Flash, or Edge)

Animation:

- Understand and control the timeline
- Explain the makeup of the objects (fill and line)
- Import graphics
- Import video
- Create motion tweens
- Create shape tweens
- Create path tweens
- Use the Alpha to control the opacity (density of the fill color)
- Export animation to a video file format
- Define the library
- Define the properties of the objects
- Set the document size
- Set the background color
- Know how to create a project folder and organize the project assets into the necessary folders.
- Produce a storyboard or story concept for the animation.

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Audio

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Audio (Audacity, Acid, or Sound Booth)

- Import existing audio
- Place loops on individual layers
- Edit loops and/or music file
- Fade in the audio
- Fade out the audio
- Capture voice audio using a microphone
- Use layers to mix audio and voice
- Increase/Decrease the amplitude
- Add audio effects where appropriate
- Export audio into
 - Wav file format
 - MP3 file format
- Create music audio that is appropriate for the project

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Digital Storytelling

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Digital Storytelling (Photo Story, Movie Maker, Premiere, Final Cut, Edge, Frames, Flash)

- Presentation of the content.
- Use of Graphics/Pictures/Clip Art to visually enhance the story.
- Layout and presentation of text, graphical elements, and effects are effectively used.
 - Effects:
 - Sound
 - Transitions
 - Narration
 - Music
- Writing
 - Mechanics (Spelling and Grammar)
 - Story
- Use of Technology found within the software
- Export the project for the Web (.mp4)
- Export project to appropriate resolution (320 X 240, 640 X 480, 1024 X 768, etc.)

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Digital Video

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Video (Premiere Pro, Final Cut, or Movie Maker)

- Import existing clips
- Capture video from an external source (digital camera)
- Set in and out points on a clip or hard cuts on the video file
- Add transitions between video clips
- Fade from black
- Fade to black
- Create text
- Add a drop shadow to the text
- Add text to the project
- Video Effect
- Speed/Duration of a clip (slow motion, double-time)
- Export the video for the Web (.mp4)
- Export video to appropriate resolution (320 X 240, 640 X 480, 1024 X 768, etc.)

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Graphic

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Graphic Design (Gimp, Illustrator, Photoshop Elements, or Photo Shop)

- Know how to create a file of various sizes
- Understand transparency and associated file types (png, gif)
- Know how to apply the correct file type for your purpose (jpg, png, gif).
- Familiar with each of the tools in the tool box and how each is used
- Create layers
- Show/Hide layers
- Duplicate layers
- Delete layers

Be able to explain the purpose of each of the following graphic types:

- BMP
- PNG
- TIF
- GIF
- JPG

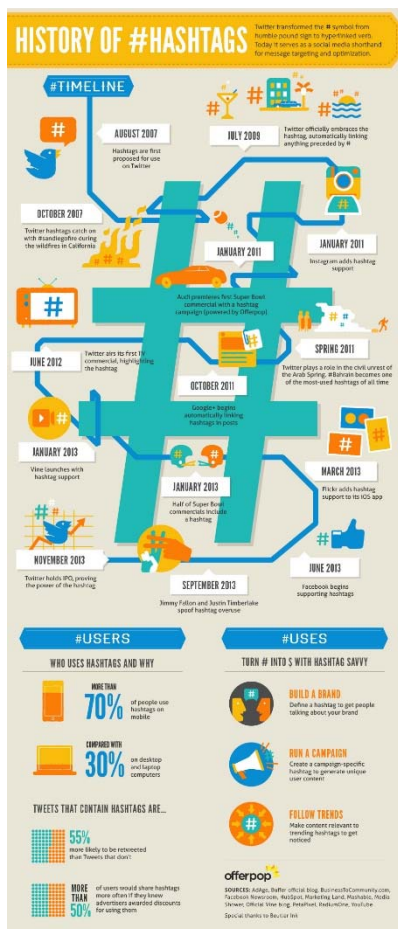
WCSD/NUES Educational Technology Infographics

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Infographics (Pixie, Frames, Power Point, Photoshop, Photoshop Elements, Illustrator)

- Show the data.
- Induce the viewer to think about the substance rather than about methodology, graphic design, and/or the technology of graphic production or something else.
- Avoid distorting what the data have to say.
- Present many numbers in a small space
- Make large data sets coherent.
- Encourage the eye to compare different pieces of data.
- Reveal the data at several levels of detail, from a broad overview to the fine structure.
- Serve a reasonably clear purpose: description, exploration, tabulation or decoration.
- Be closely integrated with the statistical and verbal descriptions of a data set.

Examples:



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Interactive Adobe Acrobat Files

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Interactive Acrobat Files (Acrobat)

Interactivity Includes:

- Hyperlinks
- Text boxes
- Check Boxes
- Radio Buttons
- Buttons
- List Box
- Dropdown Box
- Embed a video
- Embed audio
- Create a PDF Portfolio

Teachers should be able to incorporate the following to be considered an interactive PDF file:

1. Create a form using the form tools within Acrobat.
2. Utilize hyperlinks within the PDF document.
3. Embed digital media in a PDF document.
4. Create an interactive PDF Portfolio.
5. Add Web Content do a PDF document.

WCSD/NUES Educational Technology Podcast

Instructions: Each skill below should be included in your video project. Place a ✓ next to the item as verification for you and your peer reviewer.

Video (Audacity, Audition)

Planning:

- Development plan
- Script

Developing Content:

- Interviews
- Original work
- Copyrighted work is appropriately credited
- Add a drop shadow to the text

Constructing:

- High Quality end product
- Clear speech

Music:

- Use of Royalty Free Music
- Podcast Intro and Close
- Sound effects
- Use of images or PDF files if doing an enhanced podcast