

Creating Simple Animations

Title of Lesson: Creating simple Animations		Date: Fall 2007
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Subject Area(s): Teaching Online		Audience: ACC online instructors
State Standards (Texas: TEKS)	<p>Standards source http://www.sreb.org/programs/EdTech/pubs/PDF/06T02_Standards_Online_Teaching.pdf</p> <p><input type="checkbox"/> Standard: <i>The teacher has the prerequisite technology skills to teach online.</i></p> <p>Indicators The teacher:</p> <p><input type="checkbox"/> demonstrates the ability to effectively use word-processing, spreadsheet and presentation software;</p> <p><input type="checkbox"/> demonstrates effective use of Internet browsers, e-mail applications and appropriate online etiquette;</p> <p><input type="checkbox"/> demonstrates the ability to modify and add content and assessment, using an online Learning Management System (LMS);</p> <p><input type="checkbox"/> incorporates multimedia and visual resources into an online module; effectively;</p> <p><input type="checkbox"/> troubleshoots typical software and hardware problems;</p> <p><input type="checkbox"/> demonstrates growth in technology knowledge and skills in order to stay current with emerging technologies.</p> <p>Technology Specific TEKS: http://www.tea.state.tx.us/rules/tac/ch126toc.html</p>	
Stated Objective(s)	TLW create an animated welcome message using Adobe Flash software	
Anticipatory Set (Focus)	<p>Show participants examples of various animations that can be used in online courses.</p> <p>http://eduscapes.com/flash/explore.htm#1a http://www.upscale.utoronto.ca/PVB/Harrison/Flash/index.html</p> <p>Show the short segment "Why Use Digital Communication?" http://www.adobe.com/education/presentation/digital_communication/</p>	
Explanation	<p>Discuss how animations support online learning. Explain that participants will create a short welcome message that will be added to their online course. Briefly discuss the 3 main steps of the process</p> <ol style="list-style-type: none"> 1. Planning 2. Building 3. Testing. 	
Modeling	<p>Show an example of a short animated welcome message that you create in advance of the lesson. Discuss the various elements of the animation. Show the storyboard used to create the animations and how it coordinates with the animation.</p>	
Guided Practice	<p>As a group follow the step-by-step process and create the first layer of the welcome message. See attached instructions.</p>	
	<p>Check for Understanding: Take the time to help individual students and answer questions as appropriate.</p>	
Opportunities to Relearn (Reteach)	<p>Have students work through the following tutorial to aid with understanding the Flash environment and for reference as they develop their own product. http://www.teacherclick.com/flash8/t_2_1.htm</p>	

Independent Practice	Participants individually create at least one additional layer to add to the welcome animation
Assessment or Evaluation	Participants peer review each other's animations using the assessment rubric. checklist (See attached)
Enrichment	Challenge students to create additional animations for use in their classroom. Provide URL's for additional assistance and ideas.
Closure	Discuss other possible uses for animations in an online course environment. Encourage participants to continue to work with animations in the future and incorporate into online courses. n
Materials	<p>Technology Resources: 1 computer for each participant Adobe Flash 8.0 software Sound recording software and microphone Sample welcome animation for demonstration Sample storyboard http://www.teacherclick.com/flash8/t_2_1.htm http://eduscapes.com/flash/explore.htm#1a http://www.upscale.utoronto.ca/PVB/Harrison/Flash/index.html http://www.teacherclick.com/flash8/t_2_1.htm</p> <p>Other Resources: 1 "Student Guide for Creating Animations" for each participant</p>

Peer Review: Simple Flash Animation



CATEGORY	STANDARD	YES?NO	
		YES	NO
Color	Choice of color is exceptionally attractive, consistent across pages, adds to the theme or purpose of the site, and does not detract from readability.	<input type="checkbox"/> yes <input type="checkbox"/> no	
Fonts	The fonts are consistent, easy to read and point size varies appropriately for headings and text. Use of font styles and colors is used consistently and improves readability.	<input type="checkbox"/> yes <input type="checkbox"/> no	
Sounds	Audio clips and/or sounds are thoughtfully edited and used to support the understanding of the content	<input type="checkbox"/> yes <input type="checkbox"/> no	
Purpose	The animation has a well-stated clear purpose and theme that is carried out throughout the site.	<input type="checkbox"/> yes <input type="checkbox"/> no	
Animation	Animation loads quickly and works smoothly.	<input type="checkbox"/> yes <input type="checkbox"/> no	
Audience	Animation is appropriate for the intended audience.	<input type="checkbox"/> yes <input type="checkbox"/> no	

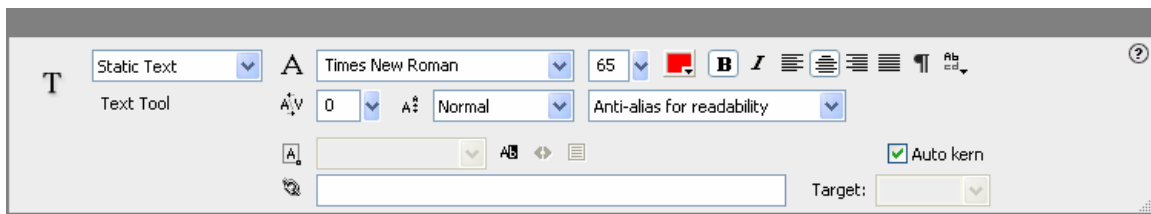


Student Guide for Creating Simple Animations

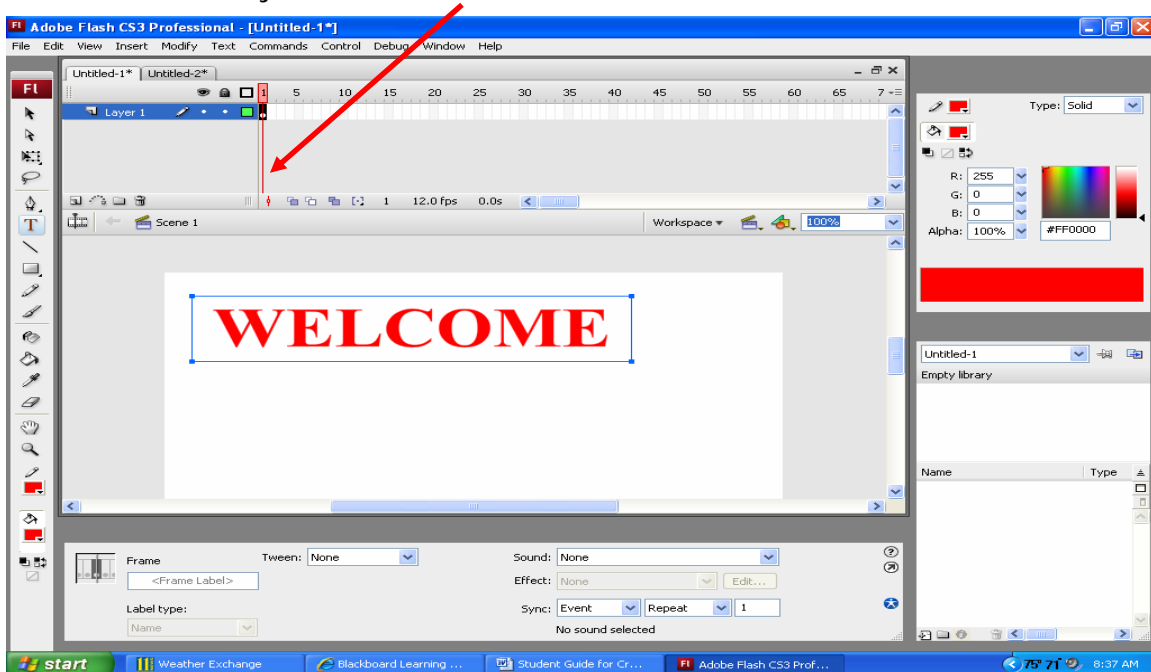
This guide will show you step-by-step how to create your own animations using Adobe Flash software.

Creating the Welcome Message

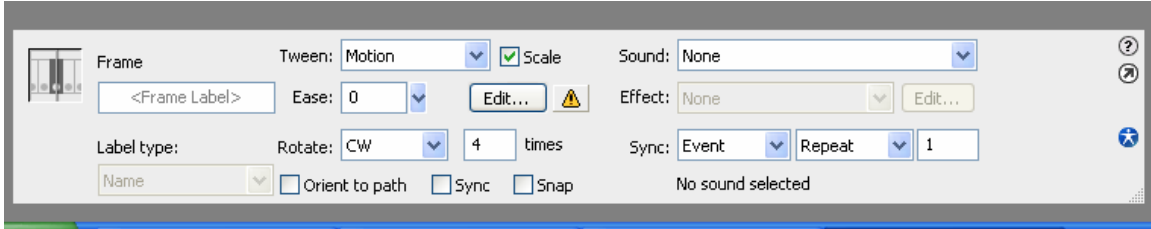
1. Start the Adobe Flash software by clicking on the icon on the desktop 
2. Select **File** and **New**
3. Choose the Text Tool  on the tools palette to the left side of the screen. Draw a box on the screen.
4. Type in a Welcome message for your class such as, "Welcome to College Algebra" Notice the properties box at the bottom of the screen. You may select the font size, type and color in this area.



5. You are now ready to add motion to your welcome message. Click on the small dot in the layer 1 area.

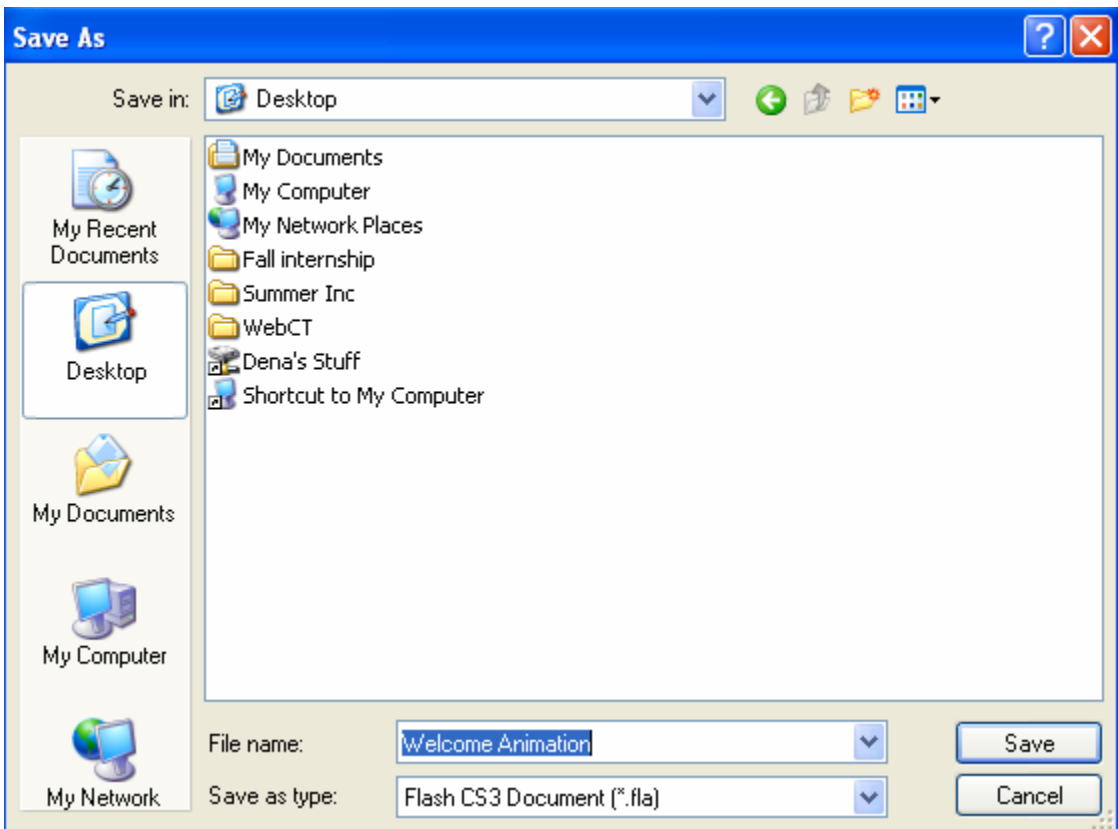


6. Click on the **Tween** drop down box and choose **Motion**. Make sure there is a green check mark in the scale area. Drop down the rotate box and select CW for clockwise and 4 for the number of times it will rotate.



7. Right click on frame number **60** in the timeline and click on **add key frame** from the pop-up screen. This will specify the number of frames that you want this frame to last. Note how the layer is highlighted from frame 1 to frame 60.

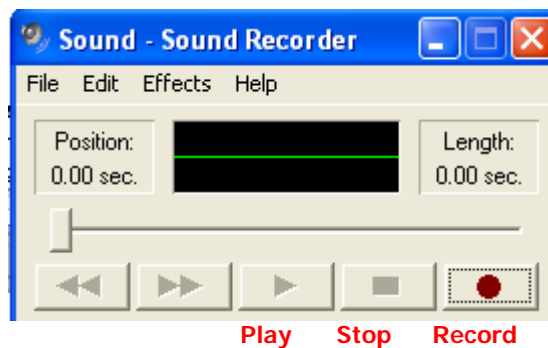
8. To save your work, click File and Save. Name your file and save to the desktop. See the example below:



Creating a Sound File

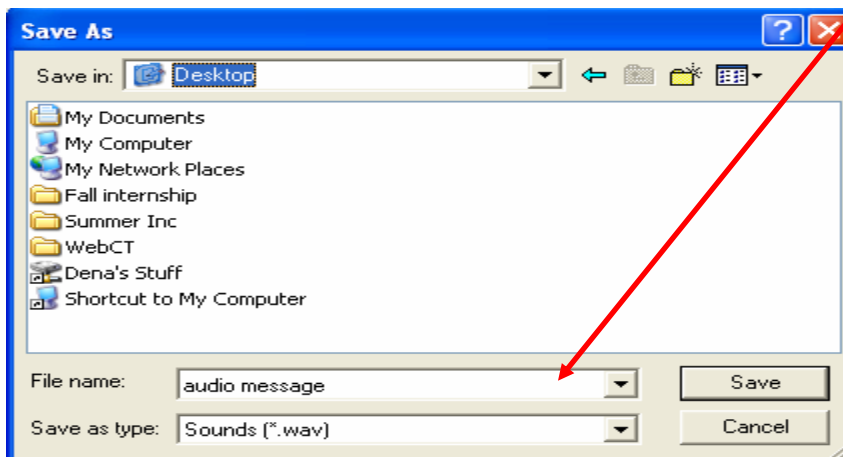
The next step in creating your welcome message is to add an audio message that coordinates with your text welcome message. Before you can add this to the Flash file you must first create the audio message. We will be using the Windows Sound Recorder which is currently installed on your computer. You will also need a microphone attached to the computer in order to capture the audio message.

1. Before we record the actual audio message, you need to decide what you would like to say. It is recommended that you write this message out and create a script of what you want to say. This makes the recording process much easier, since you have the text in front of you to read while you record the message.
2. To record the message, open the Sound Recorder on your computer. Click on **Start>Programs>Entertainment> Sound Recorder**.
3. A screen will appear that looks like this:



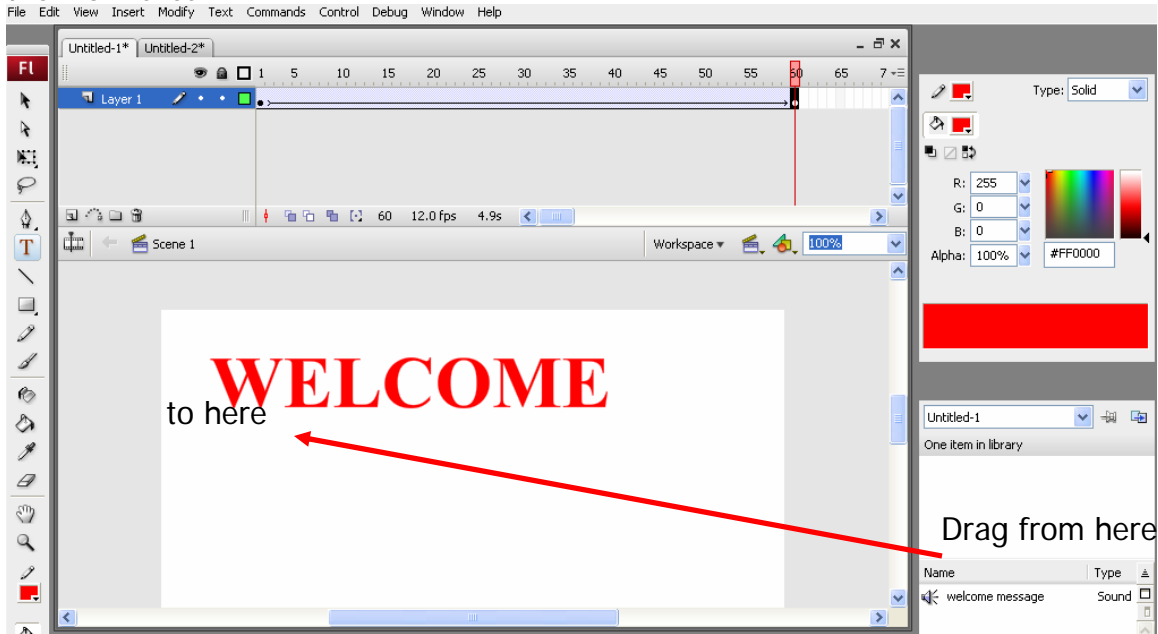
To record your message click on the **Record** button. Begin reading your message. Click the **Stop** button when are finished.

4. To save the file click on **File** and **Save**. Name the file **Audio Message** and save to the desktop. See example below.



Add the Audio Message to Flash

1. To add the audio message into your Flash project open the **Welcome Animation** flash file from the desktop that you saved earlier.
2. To import the audio file into the project, click **File>Import>Import to Library**. Browse to and select the welcome message file from the desktop that you created earlier. This will insert the audio file into the library but not into the animation.
3. To add the audio file into the animation drag the file from the library onto the work area.



4. To check the audio message, click on **Control** and **Play**.
5. To save the file click on **File** and **Save**
6. To test your finished product Click **Control** and **Test Movie**. You will be able to see your complete project.