

IntelliPics Studio 3® Button Actions: Go to Page, Open URL, Open File, Play Sound, Play Movie

With IntelliTools Classroom Suite® running, choose **NEW** from the **File** menu to get to the **Navigation Screen**. From the IntelliTools Classroom Suite Navigation Screen, double click **New IntelliPics Studio 3**. Next go up to **View** and choose **Authoring Toolbar**, if it is not already showing.



Adding Pages

You are now in the authoring template and have a blank screen in front of you. Click on the **Page Tools** button to open the Page Tools toolbar, then click on **New Page** (first button) three times. You have just created three more blank pages. Note: you could also use the second button from the left, Duplicate Page to make more pages. Duplicate Page not only makes a new page, but also copies anything on it, including text, graphics, and buttons.



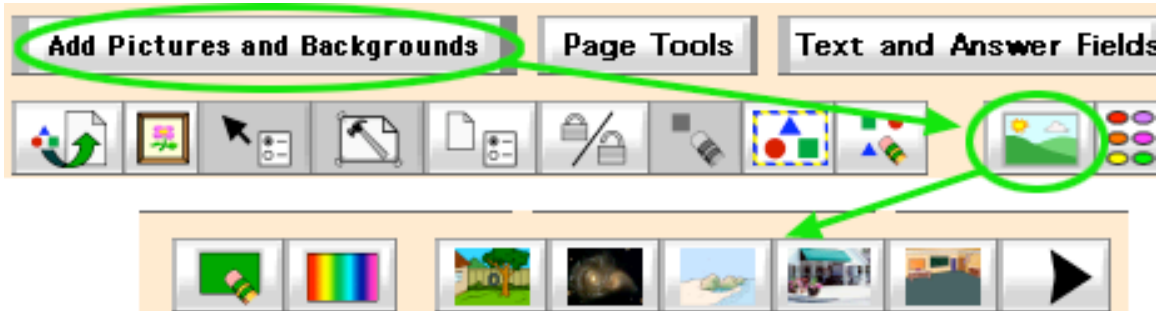
Notice that the **Page Arrows** at the top right part of the **Authoring Toolbar** are now activated, to indicate that there are multiple pages in the document. At this time in the authoring mode you are able to move back and forth between pages using these arrow buttons. Go up to **View** again and make sure **Show Status Bar** is selected. Look down in the lower right, and you will see an indication of the total number of pages and which page you are on right now.

Click the **Previous Page** arrow (left arrow) three times so that you are back to Page 1. The left arrow should now be grayed out as there are no previous pages at this point.

Click on the **Page Tools** button again to close the Page Tool options.

Adding Background Pictures

Click on the **Add Pictures & Backgrounds Button** (to the left) and then click on the backgrounds button (second button from the right with the scene on the button). This button is labeled “**Show/Hide Backgrounds**”. A toolbar of backgrounds opens to the right.



Note: The arrow at the right end of the Backgrounds toolbar indicates that further backgrounds are available. Click on a background of your choice. The background you choose will be inserted into the first page as a background picture. Advance to the next page by clicking on the right arrow (**Next Page**) on the **Authoring Toolbar**, and insert another background by clicking on another background picture. Repeat this process for **Pages 3 and 4**.

Next, click on the **Previous Page** arrow three times to go back to **Page 1**. **Control – Click** on the page to open the **Page Properties** window. Change the **Page Name** from Page #1 to **Home**. Select **Okay** to close the window. We now have your background pictures in place.

Note that you could have selected your own pictures from your hard drive and inserted them in as backgrounds as well. To do this, **Control-Click** on the page to open **Page Properties**. You need to click on the **Page Background** tab if not already selected. Then click on the **Insert from File** button (fifth button from the left with the picture of a file folder on the button). Select a picture from your own hard drive and the click **Open**. If it is what you want, click **OK** and the picture will be inserted as a background.

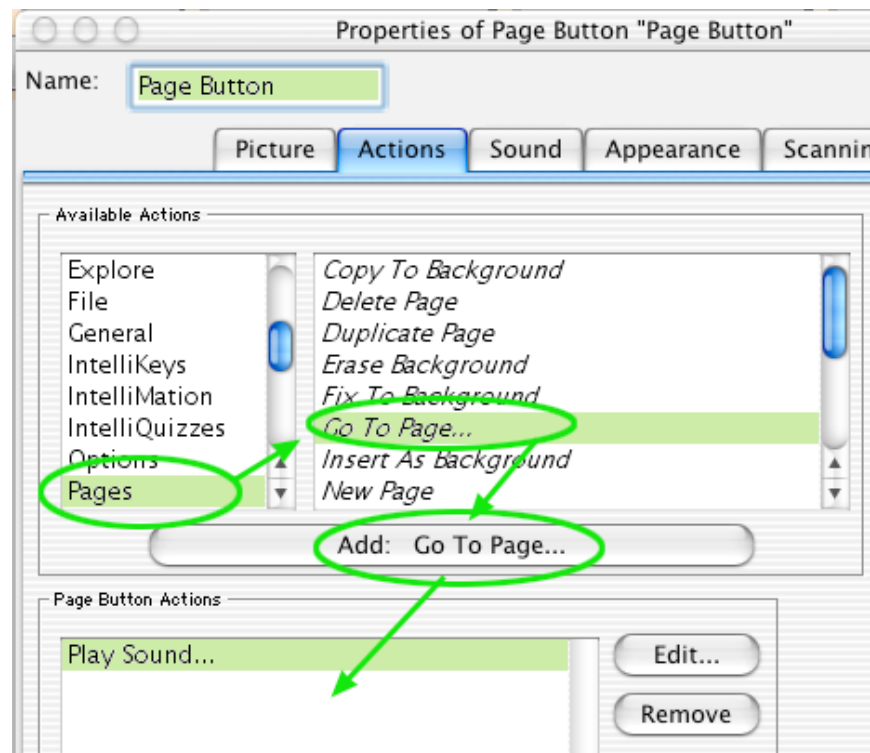
First Button Action: Go To Page...

Now we want to add our first button. This button will allow the user to advance from the first page to another page in a non-linear manner by clicking on the button.



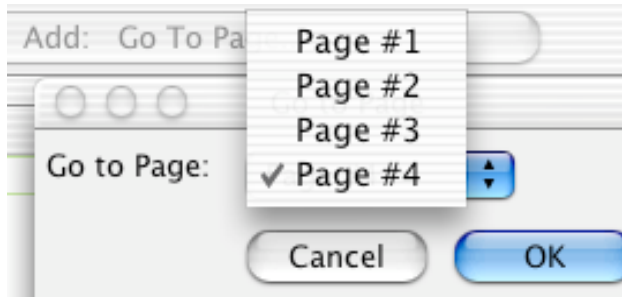
First click on the **Page Button Tool** (gray button with down arrow) to the left of the page arrows on the top toolbar. Then place your cursor on the page (you will notice a small crosshairs on your screen which will indicate where the button will be located) and while holding down the “Click” key, drag the cursor diagonally so that you create a button. Note: When you release the mouse button, the **Page Button Properties** dialogue will open. Name the button “Go to Page 4”. Leave the dialogue window open.

Next, click on the **Actions** tab. Note that the default action for Page Buttons



is Play Sound. You can remove that action if you like at this time. Scroll down and click next on the **Pages** line within the left hand box of the **Available Actions** window. Then click on the **Go to Page...** in the right

hand box and then **ADD** Go to Page to the current button's actions by clicking on the **Add:** bar below the two available action boxes.



You next will be presented with a choice of pages to go to. Note: The system will give you a list of all available pages so you don't have to remember each page's name or number. Use the **down arrow** on the right to open the drop down window and select

Page #4. Then click **Okay**. Click the **Lock Position** checkbox at the lower left and click **Okay**. Note: You **must** lock the button into place for the button actions to work properly.

Now let's test the button. Click on the button and you will find that you are now at Page 4. Check the **Status Bar** in the lower right to confirm this.

Your next assignment is to add a button to Page 4 to take you back to the home page when it is clicked. Name the button "Return to Home", then finish the button following the previous directions. When you are done and have locked your button, click on it.

Congratulations! You are back to the Home Page. You now have two buttons in place that will allow the user to navigate to different non-linear pages. This is a very valuable technique when you want a child to read more about a specific related subject and you have extra material and content available for them on separate pages.

Finishing Up: Adding the Page Arrows Toolbar

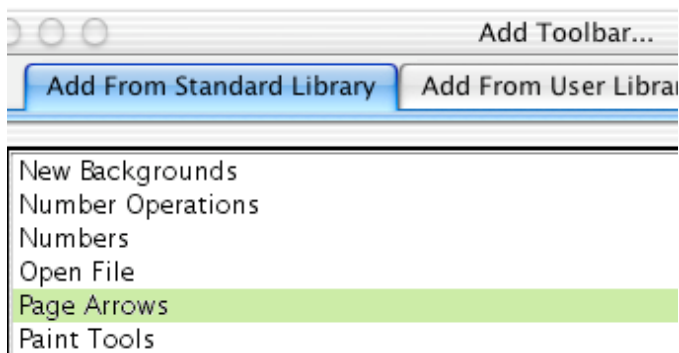
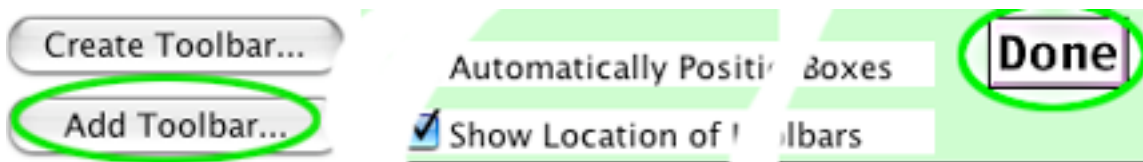
Go up to the **View** menu, click on it, and then choose **Hide Standard Toolbars**. You will notice that your authoring toolbars have disappeared. Students do not need this toolbar. But let's look at this activity for a moment. Do we have a problem in its design?

The only way a child can navigate this activity now is by clicking the two Page Buttons we inserted on Pages 1 and 4. We might also need to have a way to allow the child to move to the next or previous page in a linear manner. We could add additional Page Buttons with the specific actions

Next Page and Previous Page, but it would be simpler to have the Previous and Next Page arrows that we saw in the authoring mode available in the activity. To do that, we will drop in one of the pre-made toolbars from the library.

Let's go back up to **View** and choose the **Authoring Toolbar** again. (Close down the Picture Options by clicking on **Add Pictures and Backgrounds** if you haven't done this earlier).

Next go to the **Edit Custom Toolbars** button, which is located in the left corner above the Add Pictures and Backgrounds button. Click on the button and you will get the **Create/Add Toolbar** dialogue. Click on **Add Toolbar**.



An **Add Toolbar...** window opens. You want to add a toolbar from the **Standard Library**, so click on that tab. Scroll down the list of available toolbars until you see **Page Arrows** or press the “p” key on your keyboard to take you to the “p” toolbars

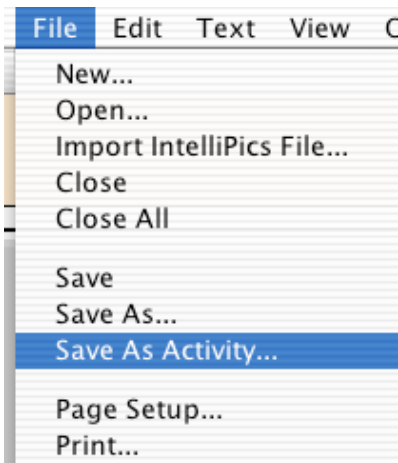
quicker. Click on the **Page Arrows** line and you will see a picture of the toolbar displayed below. Then be sure to click the **Insert** button to insert the toolbar into your activity.

The **Page Arrows** toolbar will automatically be inserted in the top left corner of the page, and two dialogue windows will open. If you like, you could reposition the toolbar to the sides or to the bottom by dragging it to the other parts of the frame. Simply hold down the mouse button and drag it with your cursor to the desired position, then release the “click” key.

But for now just select **Done** from the upper right of the **Create/Add Toolbar** dialogue. Go back to **View** and **Hide Standard Toolbars** again. You now have activity where you have inserted a toolbar from the Standard

Library and you have added page buttons to allow you to navigate in a non-linear manner.

Developer's Hint: When creating an activity, you should name each page with its own unique name rather than relying on the automatic Page numbering system. If you decide to use the automatic numbering system, you can potentially run into difficulty if and when you add new pages in the middle of an activity or when you delete pages. Page 4 may become Page 3 etc. You can always see each page and its name by going to the pages/sort pages menu, but it is easier and safer to name each page uniquely.



Save your activity with an appropriate name by going up under the **File** menu and choosing **Save As Activity**. Note: You may simply use the Save option to save to your own workspace while constructing an activity, but your final save should be Save As Activity. Only activities saved with this option can be assigned to students.

Accessing the Web: The Open URL Action

Next let's look at creating a Page Button which will allow you to go out to a website when the button is clicked.

Advance forward to Page 2 of your document by clicking the **Next Page** arrow. Then reselect the **Authoring Toolbar** from your **View** menu.

Choose the **Add Page Button** tool and create a new button on your screen. In the **Button Properties** window, name the button "Open URL".

Click next on the **Actions** tab. Scroll up to the category **File** in the left hand box (**Available Actions**) and click on it to highlight it. Then either scroll down until you find the action **Open URL...** or enter the letter "o" to get you to the "o" commands quicker.

Select the action **Open URL...** and then **ADD** it to the current button actions. A dialogue will open. The next step is to type in the **URL** address of your choice. You may want to use something generic like www.google.com if you don't have a web address in mind.

Lock the button in place and then click **Okay**.

Now let's test the button. Click on the button to see if you are connected to the Internet. The button will attempt to launch your browser. When you close off the Internet site, the program will take you back to the page where the page button Open URL is resident.

Note: You can open other files on your computer in a similar manner. Simply choose the **Open File...** command rather than the **Open URL...** and then select the file name of your choice from your disk directories. This command is often used to open pre-existing Word, Inspiration, or other vendor's files as a support for the IntelliPics Studio 3 activity that you are creating. You could also open a tutorial in PDF format.

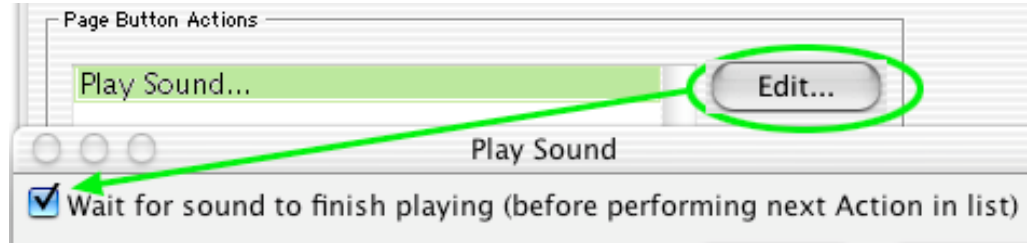
Please **Save As Activity** again and choose the "Replace" option when prompted.

Playing A Movie and Sound From A Button

Now let's advance to **Page 3**. Place another button on your screen and name the button "Play Sound and Movie".

You can, of course, copy and paste buttons from one page to another if you like, rather than creating a new button each time. **Control-Click** the button you want to copy, then click **Okay** to close **Properties**. While the button is selected, copy it with **Control-C**. Move to the page where you want to paste and type **Control-V**. **Control-Click** each copy to make changes. Note: It is important for copies of the same button on multiple pages to have the same exact name, if the button is part of an overlay. Check for and remove any appended numbers (i.e., Button #2, #3, etc.) from the button name.

The “default” action for a new button is **Play Sound**, so you do not have to add this action (unless you have copied the button from another page which had the **Play Sound** action removed). However, we do want to edit this action. Highlight the action **Play Sound** in the lower **Page Button Actions**

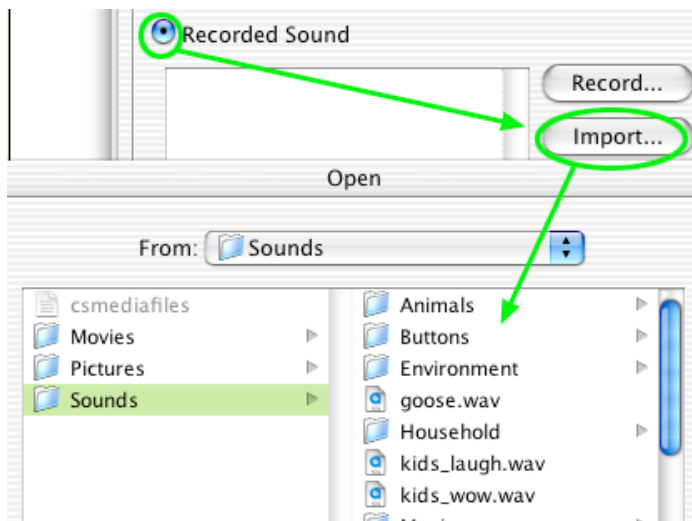


window. Click the **Edit** button beside it. In the dialogue that opens, check the box for **Wait for sound to finish playing (before performing the next Action in list)**. Then click **Okay**.

Loading A Sound

Next go to the **Sound** tab to actually add a sound. Note that you can have synthesized sound by checking the synthesized speech button in the upper window and then typing in the text you want read.

In this case, we want recorded sound. You have the choice of recording your own sounds or voices (up to 30 seconds) or importing sounds (wav. files) from your files.



Click the radio button to select **Recorded Sound** and then click **Import**. By default, the **Sounds** folder will open. Choose a sound of your choice by highlighting it and then clicking on **Open**. You will see the sound you chose added to the sounds list in the window under **Recorded Sound**. Be sure it is highlighted there.

Adding A Second Action To A Button

Next let's add **Play Movie** as a second action.

Under the **Actions** tab, scroll down the **Available Actions** list on the left and highlight the **Play** category. Scroll down the actions in the window on the right until you find **Play Movie** and **Add** it to the page button actions. Next go back to the Sound Action and edit it by telling it to wait before performing the next action. **Lock** the button in position, then select **Okay**.

Now the page button has the appropriate actions and a sound, but you need to insert a movie into the page to be played.

Inserting A Movie



Click on the **Insert Movie** button to the left of the Page Button Tool on the top toolbar. Then choose a movie of your choice from your available list.

When the movie is brought into the screen, you can reposition it by putting the cursor onto the movie, holding down the mouse button and dragging the movie into position. You can then resize it by grabbing the frame's corners or sides and resizing the picture. Tip: Grab one of the corners and drag to keep the same proportions.

Once you are satisfied, **Control-Click** on the movie and **Lock** it into position. Shortcut: Typing **Control-L** locks the movie into position if it is selected.

Now click on your page button to see what happens. You should have the button sound play and when it is finished, the movie should play.

Editing Buttons: Changing the Order of Actions

Now, let's go back to the button and Control-Click to edit, and change the order that the actions will occur. Highlight the **Play Sound (Wait)** action, and then click **Down** and then select **Okay**.

Click on the button again to see the change in the behavior of the button. The movie will now play first and then the sound (wav.) file will be played.

Finishing Steps

Finally, go back to the **View** menu and toggle off **Show Status Bar**. Also **Hide Standard Toolbars**. The **Authoring Toolbar** will disappear. To make sure it stays hidden on all computers, go up under the **Options** menu and choose the first item, the **Settings** for your activity. Click on the **Toolbars** tab, and click next to **Keep Standard Toolbars Hidden**. Click **OK**.

Under **File**, choose **Save As Activity** again and **replace** with your final version. You now have a finished template that you can refer back to again in the future.

Congratulations! You have now learned how to go to pages, open urls, open files, play sounds (simple) and play movies using page button actions. You may want to save this activity in your My Work area for further reference. You can always go back and control-click on the buttons to see the actions that are inherent in the button and see the resulting behavior.