

Quick Start

Importing Photos and Creating Albums with iPhoto

iPhoto, part of the iLife application suite, allows you to easily import, organize, edit, and share digital images. Images imported into iPhoto are added to the iPhoto library and automatically organized into Events, which are based on when the photos were shot. You can also organize photos into albums, which may include photos from different Events. Images in an iPhoto library can be printed; displayed on webpages; used to produce iPhoto books, slideshows, cards, and calendars; or used in projects with other applications.

In this activity, you will import photos that you take with a camera and images downloaded from the Internet into iPhoto and organize those photos into one iPhoto album to enhance the learning process in a lesson about nutrition.

iPhoto in the Classroom

The old adage “a picture speaks a thousand words,” is even more true in the 21st century classroom. Digital camera use has become widespread in today’s classrooms, supporting teaching and learning with visual media. iPhoto provides teachers and students with a valuable tool for organizing, manipulating, presenting, and archiving images taken with digital cameras or imported from other sources, such as scanned student artwork or photos downloaded from the Internet. More than ever, teachers and students need tools to import, organize, edit, and archive student-created digital content.

An iPhoto library provides many ways for sharing student work. For example, students can combine images with text they write in books produced with iPhoto, which can then be printed at school or in an edition ordered from Apple. All the images in their iPhoto library are readily available when they are working in iLife and iWork applications—when they are creating an iMovie project or a report in Pages, for example. iPhoto also makes it easy for students to collaborate on projects—by turning on sharing in iPhoto preferences, computers on your local network can share the same photos in an iPhoto library.

The example lesson used in this activity is titled “Eating Healthfully.” Students can examine food groups, study the dietary guidelines from the United States Department of Agriculture (USDA), learn new dietary vocabulary, and practice reading nutritional labels. As part of this lesson, students can use iPhoto to create their own photo albums of the foods they eat during one week and determine to what degree their diets conform to the USDA health guidelines. They can then share their photos and conclusions in a presentation created with Keynote or a report produced with Pages.

Goals

In this activity, you will:

- Import photos directly from a digital camera
- Import photos from a folder
- Organize your photos into albums

What You Will Need

For this activity, you need to download the files in the iPhoto_Assets folder. These are files that you will then import into iPhoto.

Software needed:

- iPhoto

You will also need a digital camera to take photos that you will import into iPhoto.

Time

This activity will take approximately 30 minutes to complete.

Opening iPhoto

The first time you open iPhoto, it creates an iPhoto library in the Pictures folder of your home folder. This is the location on your hard disk where all your photographs will be stored.

- 1 Open iPhoto by clicking its icon in the Dock or by double-clicking its icon in the Applications folder.

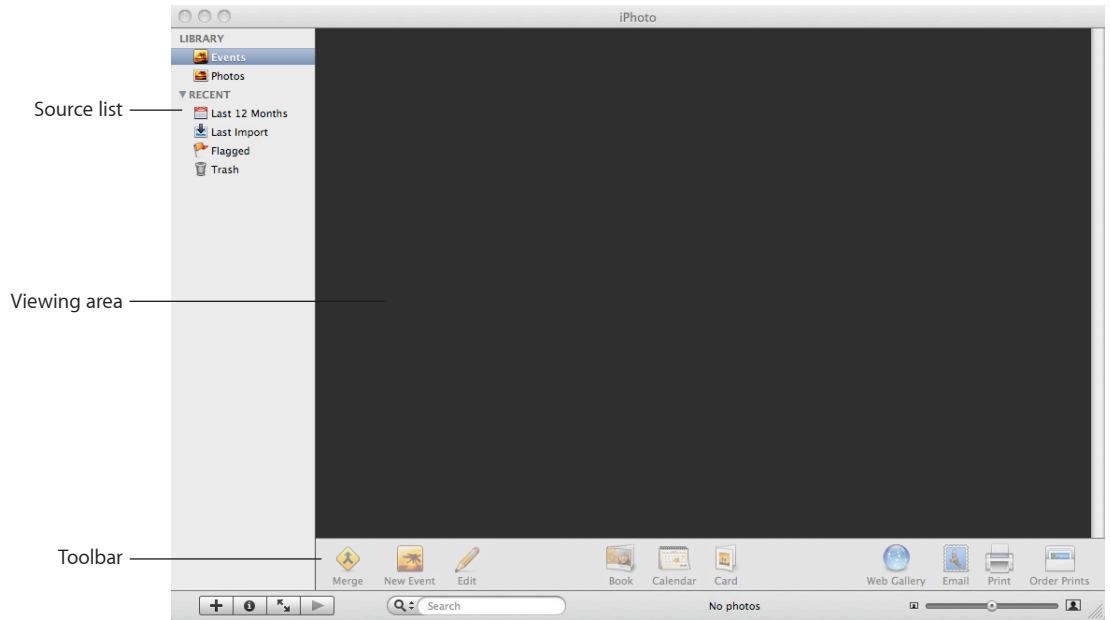


- 2 The first time you open iPhoto, a dialog appears that asks if you want to use iPhoto when you connect a digital camera. Click Yes to set iPhoto as your default tool for importing pictures.

An iPhoto '08 Welcome Screen appears that shows new features such as Events, new editing tools, and the Web Gallery.

- 3 Click OK to open iPhoto.

The iPhoto interface is divided into three areas. To the left is the Source list, which provides many ways that you can view and organize photos. The large dark gray pane is the viewing area in which pictures and albums are displayed. At the bottom of the viewing area are buttons for the different ways you can use iPhoto to share images. The toolbar, below the viewing area, contains tools to organize, edit, review, and share images. The tools at the very bottom of the iPhoto window allow you to create new albums, search for images, change the size at which images are displayed, and more.



Importing Photos

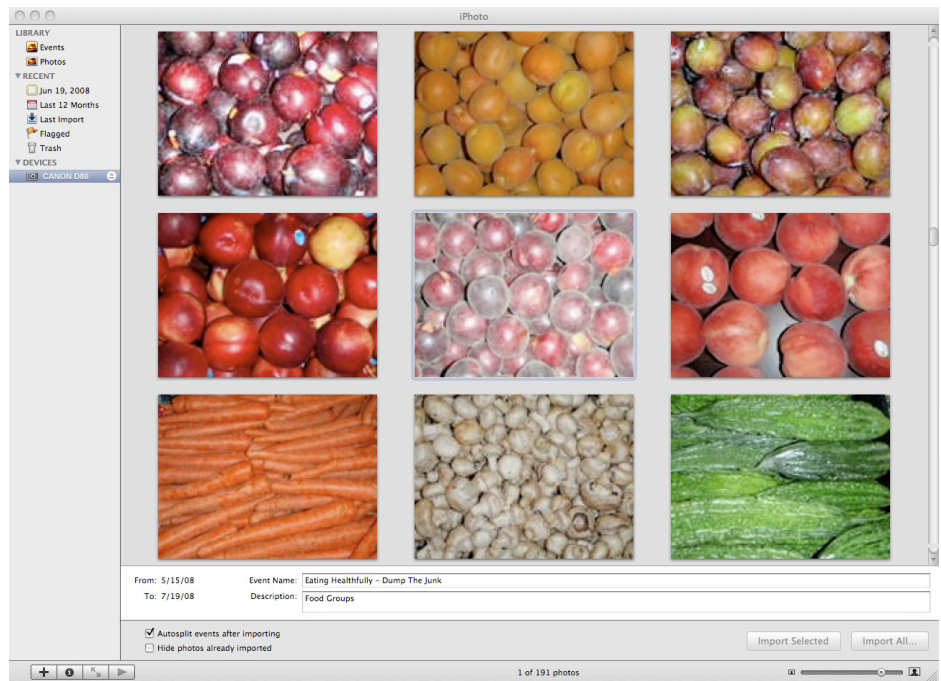
You can import photos into iPhoto in two main ways: directly from a digital camera or from your hard disk or another disc.

In this activity, you will first import photos from your camera.

Importing Photos from a Camera

- 1 Use a digital camera to take a few photos that you will import. For example, you could take some photos that will fit with the theme of healthy eating.
- 2 Make sure iPhoto is open and your camera is turned off. Plug your camera into your computer's USB port and turn the camera on.

iPhoto previews the pictures in your digital camera. You can select all of them or select only those you want to import into your iPhoto library.



In the Event Name field, located just below the viewing area, you can type a name for the new group of photos that will help identify it.

Note: When importing photographs, it is important to think carefully before naming and describing the Event. Then, as your image library grows over the school year, you will easily be able to search for and find your media.

- 3 Click in the Event Name field and type *Eating Healthfully*.

You can also enter a description of your Event in the Description field to further identify it.

- 4 In the Description field, type a description of the Event (or place or subject) depicted in the photos.

This information will help you search for photos at a later time.

- 5 Click Import All to import all of your photos into iPhoto.

The photos are copied from your camera to the iPhoto library on your Mac. As they are imported, each photo is displayed. A progress bar indicates the overall progress of the importing process and a counter indicates the number of images left to import.

When the import process is finished, a dialog appears and asks if you want to keep or delete the original photos from your camera.

- 6 If you want to erase the memory in your digital camera, click Delete.

The photos are removed from your camera's memory.

Note: It's best to use your camera instead of iPhoto to erase the images on your memory card.

The choice to keep or delete your images depends on whether or not you have enough space on your camera card and whether or not you need to retain the photographs in your camera. When you import the photos into iPhoto, they are saved on your hard disk, so you may choose not to keep them on your camera.

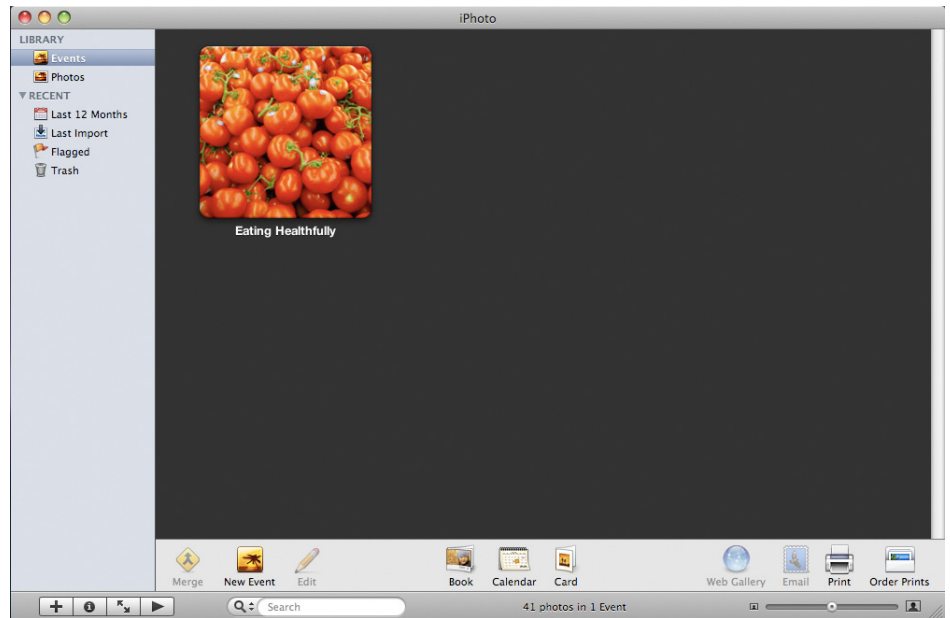
Note: As with any other files on your hard disk that you want to preserve, it is good practice to back up the photos stored on your hard disk to another medium, such as CD-ROM or DVD-ROM, or to an external hard disk or a backup server.

When you're finished importing images, it's important to properly eject, or disconnect, the camera from your Mac. The Eject button for a device is located in the Source list under Devices. Your camera may be named Untitled or listed by the manufacturer's brand name and number, such as Canon PowerShot A460.

- 7 To eject your camera, click the Eject button for the device in the Source list, then disconnect the camera from the computer.

Note: You could also eject your camera by dragging its icon into the iPhoto Trash.

- 8 After the camera is ejected, click the Events icon to view the recently imported Event, labeled with the name you gave it, and the first picture.

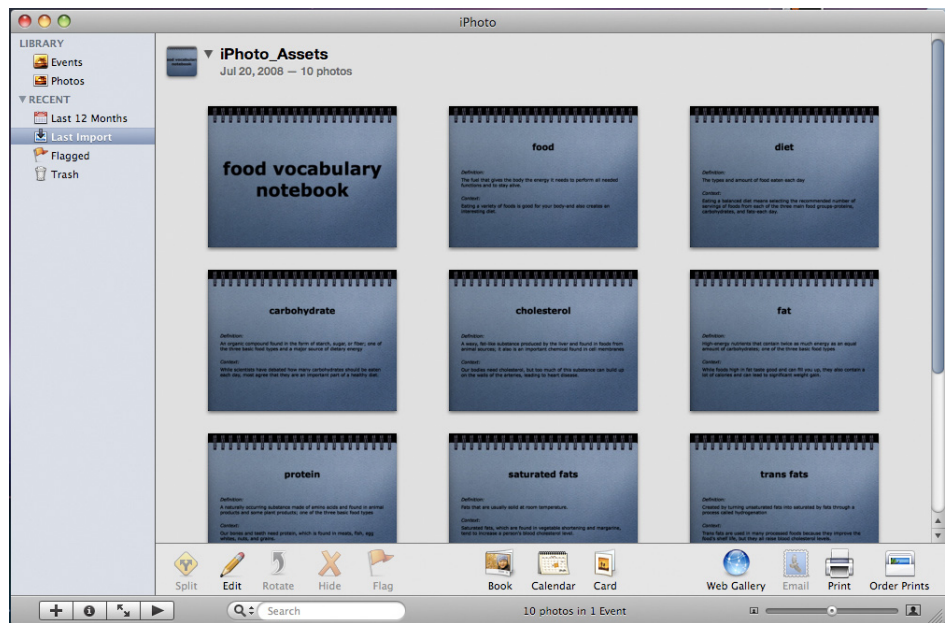


Importing Photos from a Folder

You can also import photos stored on your hard disk into iPhoto. Here you will import the photos that are in the iPhoto_Assets folder that you downloaded. (For more information about this folder, see “What You Will Need.”)

- 1 Choose File > Import to Library.
- 2 In the dialog that appears, navigate to the iPhoto_Assets folder, select it, then click Import.

iPhoto imports the photos from the iPhoto_Assets folder and creates a new Event. All of the imported photos are displayed in the viewing area, and Last Import is automatically selected in the Source list.



- 3 At the top of the Source list, click Events to display all Events in the viewing area.

You now have two Events in your Source list: the original set of photos you imported from your digital camera, Eating Healthfully, and the folder of photos imported from your hard disk, iPhoto_Assets.

- 4 Click the iPhoto_Assets Event to select it.

It is highlighted in yellow.

- 5 Move the pointer left and right over the iPhoto_Assets Event to display thumbnails of each picture in the Event.



Creating an Album

Photos that are organized into any Event can be collected into an album. An album organizes photos into groups for easy viewing and sharing. Students can then share the photos in an album in a book or slideshow created in iPhoto, for example, or add the photos to a project created with other applications, such as an iMovie project or a Keynote slideshow.

- 1 In the viewing area, double-click the Eating Healthfully Event that has the photos that you imported from your digital camera.

Thumbnails of all the Event's photos are displayed in the viewing area.

- 2 Drag the size slider at the bottom of the iPhoto window to change the size of the thumbnails.

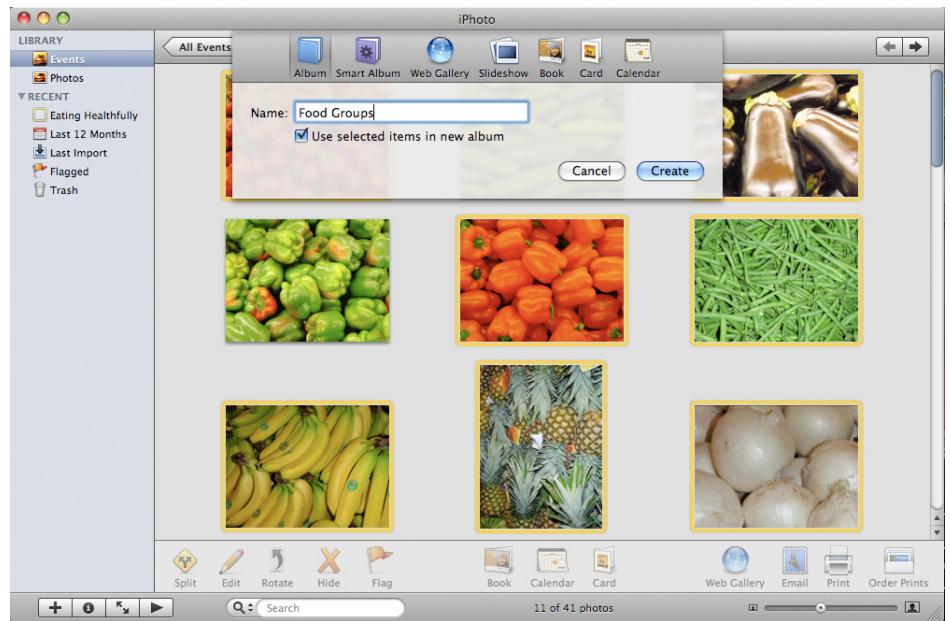


- 3 Command-click each photo you want to select and place into an album.
Each selected photo is highlighted in yellow.
- 4 At the lower left of the iPhoto window, click the Add button (+) to create a new album.

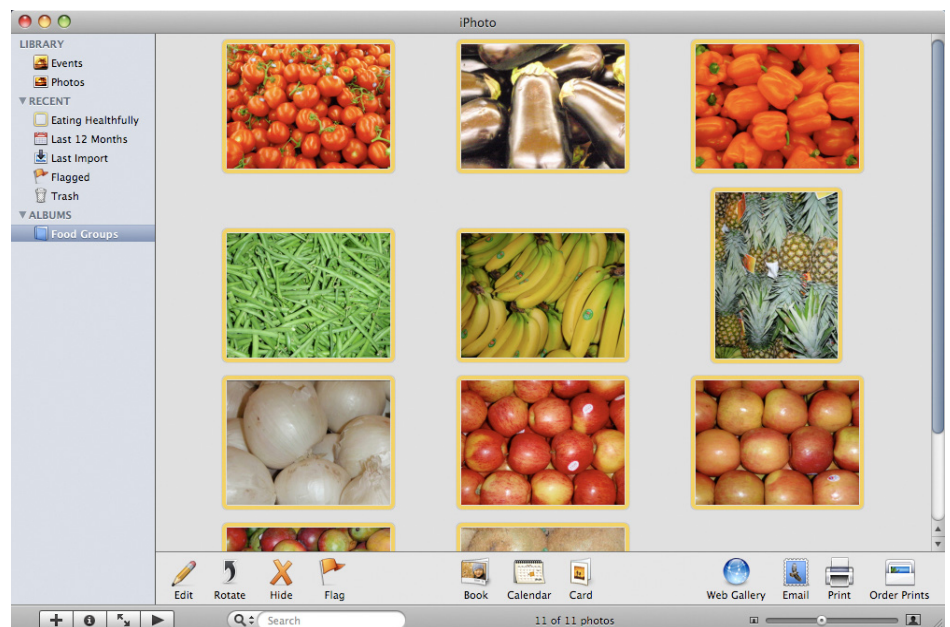


- 5 At the top of the dialog that appears, make sure that the Album button is selected.

- 6 In the Name field, type Food Groups as the name of your new album.



- 7 Make sure that the “Use selected items in new album” checkbox is selected, then click Create.

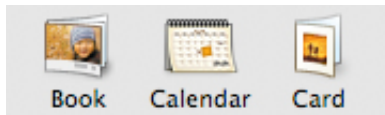


The new album appears in the Source list under Albums. It contains all the photos you originally selected.

- 8 Open the iPhoto_Assets Event and add some of those images to your new album. You can also drag additional photos into the album any time you wish.

You can make books and other items from the images in your iPhoto albums. For instance, by producing a book, a health class might more effectively understand the importance of following good nutritional practices in their lives.

Note: If you want, you can now experiment with some of the ways iPhoto offers for sharing your photos, such as a book, a card, and a calendar. See “Learn More” later in this activity for how to find further information about these and other options.



Next Steps

Now that you've gotten started with iPhoto, you're ready to use it with your lessons to enhance teaching and learning. The additional activity ideas included here suggest a few more of the ways you can use iPhoto with your students. When you want to gain further skills in using the software to implement these and other activities, you can use the resources listed in “Learn More,” below.

Learn More

The following are some of the resources you can use to find out more about using iPhoto.

Help

When you're working in iPhoto, onscreen help is available at any time by choosing Help > iPhoto Help. Choose Help > Getting Started PDF to open an introductory how-to guide for using iPhoto.

Video Tutorials

For a collection of tutorials about using iPhoto, go to www.apple.com/ilife/tutorials or choose Help > Video Tutorials when iPhoto is open.

Apple Media Series

iLife '08 in the Classroom, part of the Apple Media Series, provides how-to videos and step-by-step guides for learning how to use iPhoto and the other applications in the iLife suite. iLife '08 in the Classroom, available at an affordable cost to individuals and schools, guides you through what students could produce with each application.

www.apple.com/education/k12/applemediaseries

Additional Activity Ideas

Illustrate a Problem—Science and Social Studies

Students can research and share information about a school or community problem, using photos collected in an iPhoto album in a presentation about the issue. Examples could include lighting or safety challenges at their school or how specific resources are wasted in their community. If students also work to resolve the problem, they can document the process and results with additional photos.

Poems from Art—Language Arts and Visual Art

Students can scan artwork they have created or take photos of it, add those images to iPhoto, and write poetry using the images as inspiration. They can then use iPhoto or Pages to produce illustrated poetry books or add their words and images to a webpage to share.

One Photo a Day—Language Arts

Photos can enhance the assignment of student journals for writing and reflection. Students can take a photo each day and use these images to reflect on their school experience. With photos organized in iPhoto albums, they can use Pages to produce an illustrated journal at the end of each semester.

The New Dr. Seuss—Language Arts and Visual Art

Students can create their own original children's books and share them with younger children at another school. For the book's illustrations, they can take photos or scan their own artwork. After organizing the images in an iPhoto album, they can use iPhoto or Pages to combine text and images to complete their storybook.

A Year's Memories—All Subjects

Students can collaborate to produce digital yearbooks that relate to a specific class, school club, sports team, or other organization. Group members can take photos throughout the year, organize and edit them in iPhoto, and then combine them with written stories about the year's events. The result can be shared via a webpage created with iWeb or a slideshow created with Keynote, saved as a QuickTime movie, and burned on CDs. At the end of the year, each student will have helped to create a collection of special moments.

Images of Change—Science

Students can take or collect photos to document time-based changes, such as plant growth, the moon's influence on the Earth, or an animal's development cycle. Once images are organized in iPhoto, they can be used in a book or slideshow to explain the changes or added to a spreadsheet in Numbers that presents measurement data in chart or graph form.

History at Home—History and Language Arts

Students can take photos or collect existing images of historical locations or buildings in their area, import them into iPhoto, and combine them with written descriptions in a book they produce with iPhoto. They can print the book and give copies to a local historical society or library.

The Cities of Spain—World Languages

Students can collaborate in small groups to study different aspects of the major cities of Spain or another country, including food, sports, museums and cultural centers, annual events, and so on. Each group would collect photos and facts about their assigned city and create a book in iPhoto with the images and text that is written in the language they are studying. The books can be viewed on a large screen in class and printed for students to take home or for use by other classes.

Tessellations and Technology—Geometry, Visual Arts

As part of a geometry unit, students can create tessellation photo books with iPhoto. They can make their own tessellations with pattern blocks or other colored shapes and take photos of the rotation, reflection, and translation of those blocks. Students could also photograph tessellations in nature or in their community, such as in buildings or bridges. Students could also create drawings or tile inlays that are composed of tessellations and add those to the iPhoto books. Once the books are complete, they can be printed or saved as QuickTime movies.

Making Science—Chemistry, Biology

As students conduct lab experiments, they can use iPhoto to present their findings. For example, students can save the photos they take with a ProScope microscope, such as images of cell organisms, and add them to their iPhoto library. Then can then use the photos in a slideshow, printed lab report, or on a class webpage.
