Educational Cameras

Curriculum Guide

Expanding Possibilities in the Classroom

The ClearOne Curriculum Guide makes it easy to use your Flexible Educational Cameras in the classroom by providing comprehensive usage instructions, image processing tutorials, complete lesson plans for lab activities and a special support section for teachers. Take a look at these samples from the Curriculum Guide and see why it is an indispensable tool for enhancing education in the science classroom.

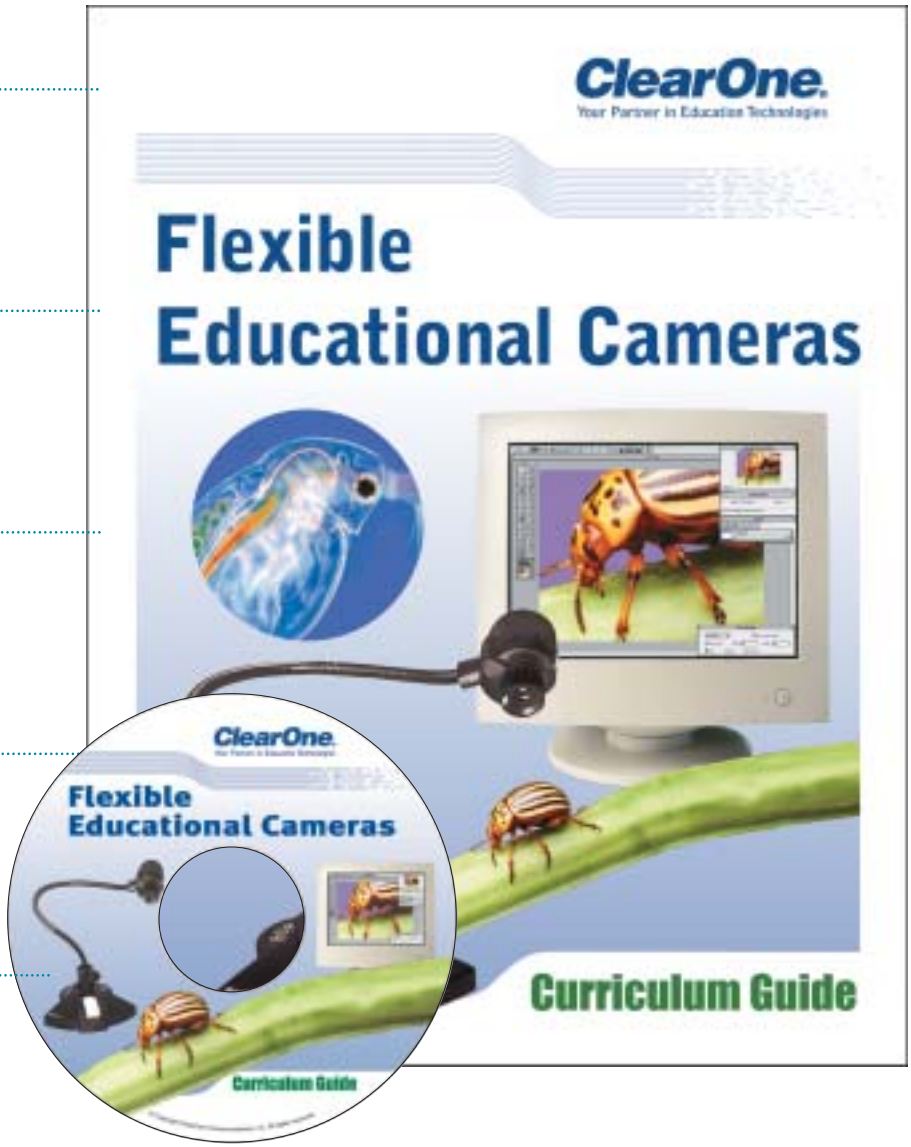
Operating Instructions with complete set-up and usage instructions for ClearOne Flexible Cameras.

Image Processing Overview describes basic image processing activities, software and assessment strategies.

Lab Activities feature thirty-two comprehensive science lessons with clear objectives and instructions.

Teacher Notes provide important tips on conducting labs as well as answers to lab analysis.

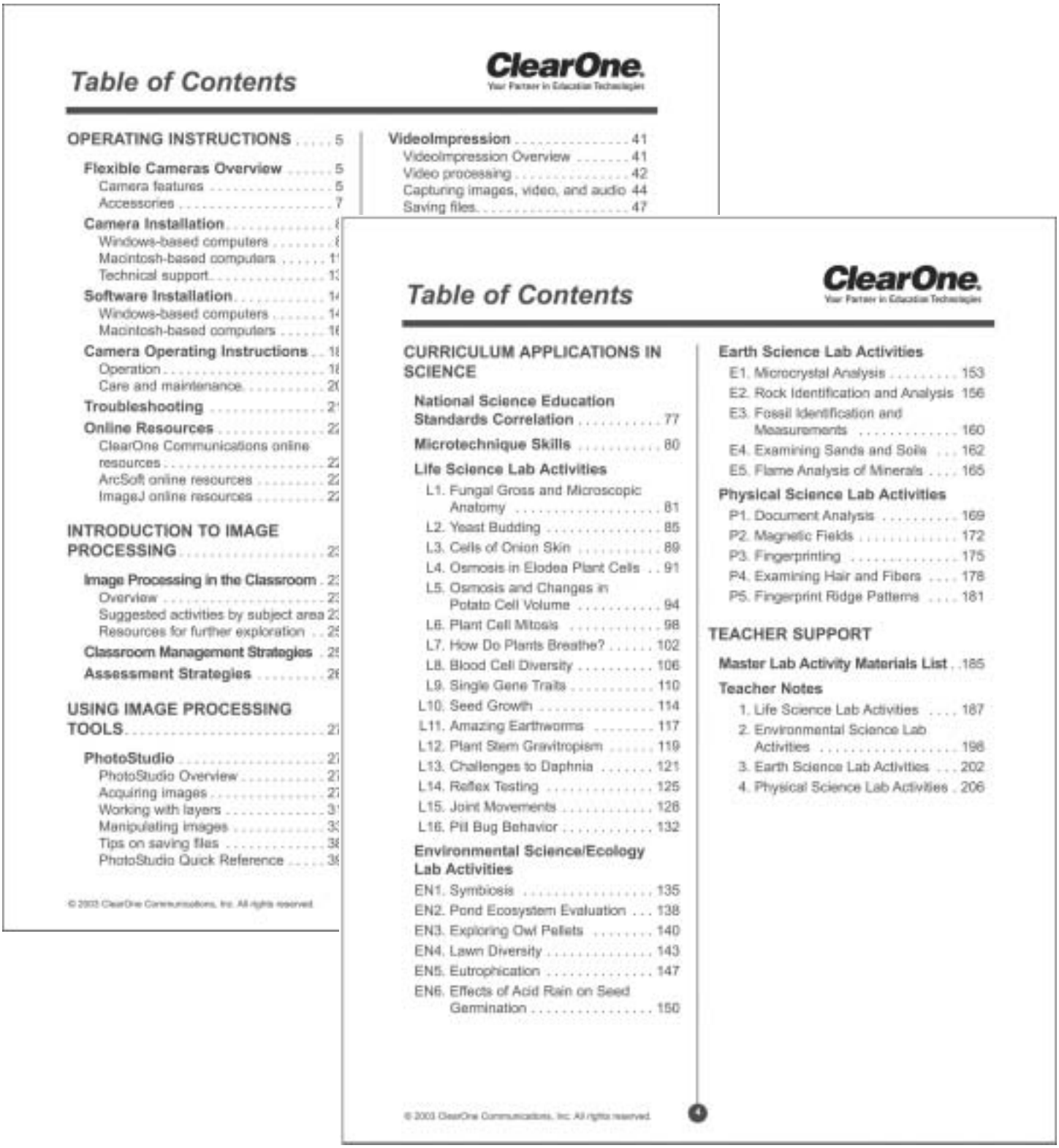
Curriculum Guide CD includes Flexible Camera user manuals, image files and a PDF of the curriculum guide.



CURRICULUM GUIDE SAMPLE

Provides a Comprehensive Solution

The Curriculum Guide provides 300+ pages of exciting lesson ideas, image processing tutorials and detailed lab activities. The pages below, taken from the Table of Contents, illustrate the range of information provided in the Curriculum Guide.



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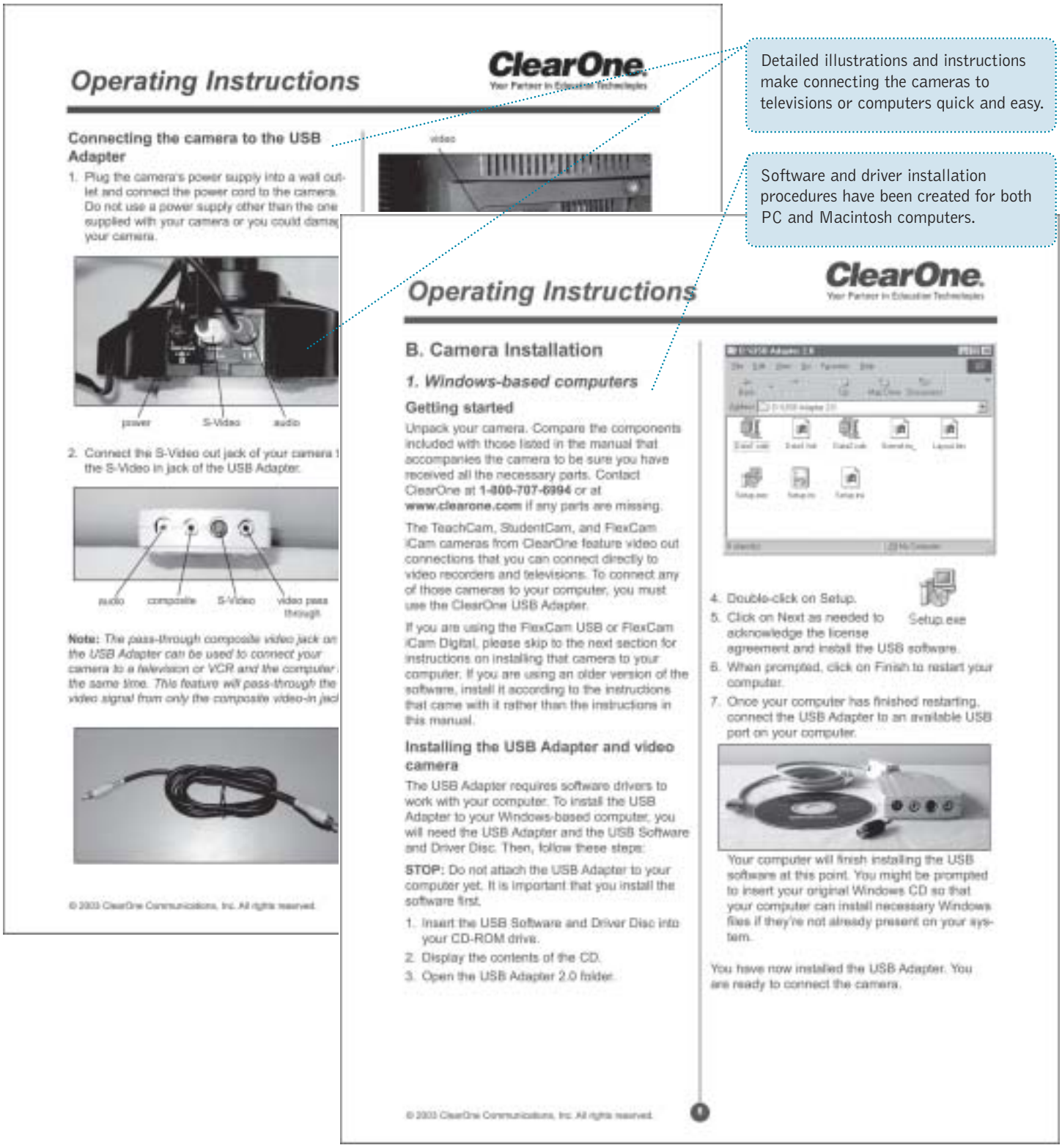
Makes Cameras Easy to Use

The Operating Instructions section gives you completely illustrated, step-by-step instructions so you can easily get your ClearOne Flexible Educational Camera connected and ready for use. As shown in the sample pages below, instructions are also included for loading your image processing software and drivers.

Detailed illustrations and instructions make connecting the cameras to televisions or computers quick and easy.

Software and driver installation procedures have been created for both PC and Macintosh computers.



Operating Instructions

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Connecting the camera to the USB Adapter

1. Plug the camera's power supply into a wall outlet and connect the power cord to the camera. Do not use a power supply other than the one supplied with your camera or you could damag your camera.

video

power S-Video audio

2. Connect the S-Video out jack of your camera t the S-Video in jack of the USB Adapter.

audio composite S-Video video pass through

Note: *The pass-through composite video jack on the USB Adapter can be used to connect your camera to a television or VCR and the computer the same time. This feature will pass-through the video signal from only the composite video-in jac*

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Operating Instructions

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B. Camera Installation

1. Windows-based computers

Getting started

Unpack your camera. Compare the components included with those listed in the manual that accompanies the camera to be sure you have received all the necessary parts. Contact ClearOne at **1-800-707-6994** or at **www.clearone.com** if any parts are missing.

The TeachCam, StudentCam, and FlexCam iCam cameras from ClearOne feature video out connections that you can connect directly to video recorders and televisions. To connect any of those cameras to your computer, you must use the ClearOne USB Adapter.

If you are using the FlexCam USB or FlexCam iCam Digital, please skip to the next section for instructions on installing that camera to your computer. If you are using an older version of the software, install it according to the instructions that came with it rather than the instructions in this manual.

Installing the USB Adapter and video camera

The USB Adapter requires software drivers to work with your computer. To install the USB Adapter to your Windows-based computer, you will need the USB Adapter and the USB Software and Driver Disc. Then, follow these steps:

STOP: Do not attach the USB Adapter to your computer yet. It is important that you install the software first.

1. Insert the USB Software and Driver Disc into your CD-ROM drive.
2. Display the contents of the CD.
3. Open the USB Adapter 2.0 folder.

4. Double-click on Setup.
5. Click on Next as needed to acknowledge the license agreement and install the USB software.

Setup.exe

6. When prompted, click on Finish to restart your computer.
7. Once your computer has finished restarting, connect the USB Adapter to an available USB port on your computer.

Your computer will finish installing the USB software at this point. You might be prompted to insert your original Windows CD so that your computer can install necessary Windows files if they're not already present on your system.

You have now installed the USB Adapter. You are ready to connect the camera.

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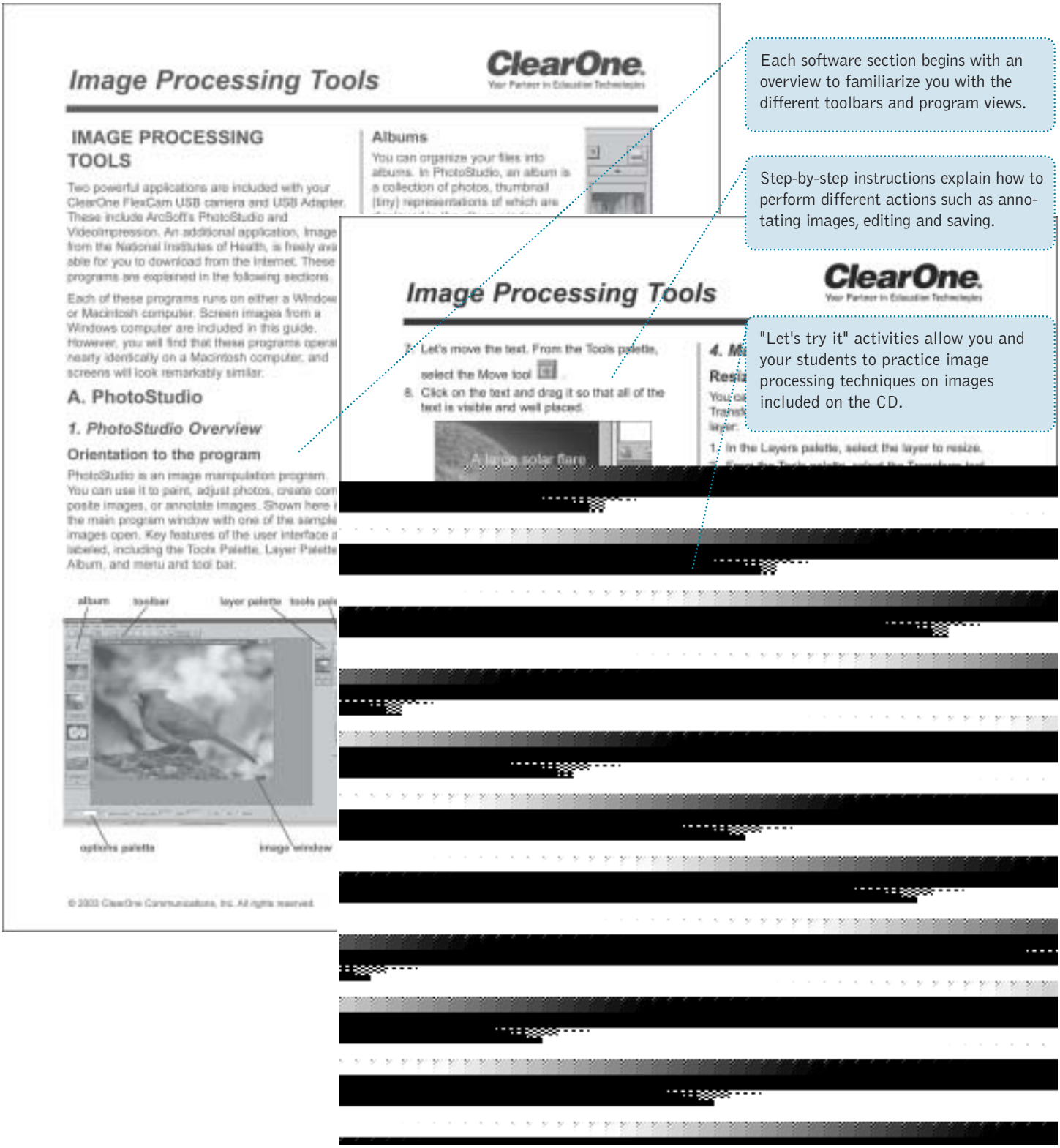
Explains Image Processing

Once your camera is up and running and your software is installed, the Image Processing section will introduce you to the world of image capture and photo and video editing using ArcSoft's VideoImpressions™ and PhotoStudio® software. You'll get image processing tutorials for the Image J freeware image processing program as well as suggested classroom activities and assessment strategies.