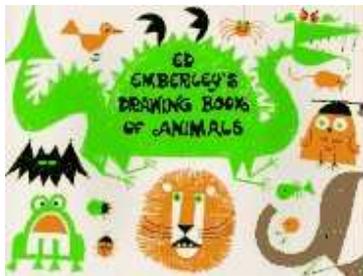# Aunt Lee dot com

We're going to create a Flying Bat in Fireworks

You'll be able to email your flying bat to your friends!

Happy Halloween!

We're using Fireworks 3 – if you've got a later version, you might need to look around – all these tools will be there, but they might be in different places.

Which is probably right here in your own library!

We're drawing our bat pretty much the way Ed Emberley teaches in Ed Emberleys Drawing Book of animals.

Fireworks - Untitled-1

File Edit View Insert Modify Text Com

Undo Brush Tool   Ctrl+Z

Can't Redo

CTRL-Z

Don't be afraid to experiment – you can always Edit-undo your last step.
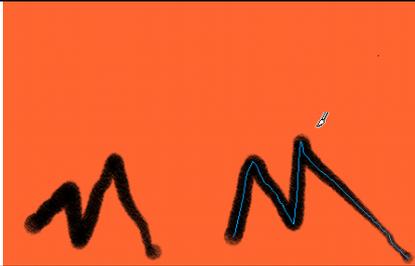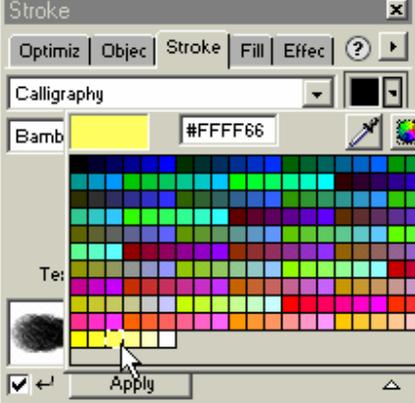
Lots of software will let you do this!

Microsoft Access

Macromedia Fireworks 3
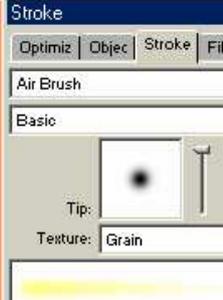
Start up Fireworks. We're using Fireworks 3 – if you've got a later version, you might need to look around – all these tools will be there, but they might be in different places.

Click the New File button at the top left.

File

New Document window showing Canvas Size: 1.6M, Width: 10 Inches W: 720, Height: 8 Inches H: 576, Resolution: 72 Pixels/Inch. Canvas Color: White, Transparent (selected), Custom. OK / Cancel	**Be sure and choose Inches, not Pixels**	We're going to make our background 10 inches wide and 8 inches high And transparent. Click "ok"
	Paintbrush tool icon	First, choose the Paintbrush from the tools at the left side of the page.
	Xtras Window Help menu: New Window Ctrl+Alt+N, Toolbars ▶, ✔ Toolbox Ctrl+Alt+T, Optimize, Object Ctrl+I, Stroke Ctrl+Alt+B (selected), Fill Ctrl+Alt+F, Effect Ctrl+Alt+E	We're going to use some cool strokes, so let's open the Stroke command window.
	Stroke panel diagram labeled: Category, Type, Tip preview, Pop-up menu button, Color well, Edge softness slider, Size, Amount of texture, Texture, Preview, Apply button, Auto apply. Shows Unnatural / Fluid Splatter, Tip: 10, Texture: Burlap 0%	The stroke menu in fireworks is like a whole artist's studio – you can draw with crayon, felt tip, charcoal, an air brush, a calligraphy pen, all any size and color you need as an artist
	Stroke window: Optimiz / Objec / Stroke / Effec tabs. Calligraphy, Bamboo, Tip: 20, Texture: Grain 50%, Apply	To start drawing our bat, we're going to use the Calligraphy stroke. About 20 pt for the size of the stroke.

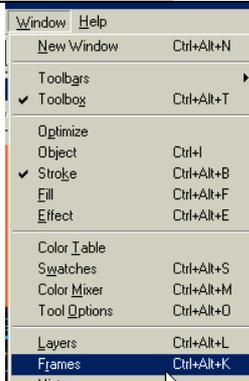|	
	First, we'll draw two M-looking things down towards the bottom.
Save Your Work Often!	Then, we'll draw two more M things, but with long sides to connect up to the bat's top wings.
	Next, we'll connect up the bat's head at the top and at the bottom, connect that up with a sort of upside-down V.
Now, on the stroke menu, let's click the color box and switch to whatever color you want the eyes to be – I'm choosing yellow.	It's time to make the eyes. *When you want to change the color or stroke, Deselect by Holding down the control button and clicking D* so the changes we're about to make don't mess up your bat.
	You can also switch from Calligraphy to Air Brush, if you like – it gives it a glow-wy effect.

	Then, if you like, switch the color box back to black or orange and put in pupils in the bat's eyes. Remember, CTRL-D when switching colors
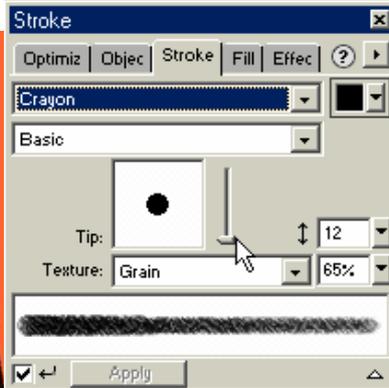
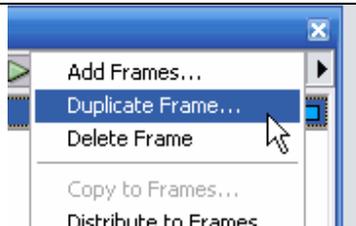|	Now, color in your bat, if you like. I've found that Crayon is the easiest stroke to use for this. You may want to draw around your bat's eyes so they don't get messed up.

Stroke window:
- Optimiz | Objec | **Stroke** | Fill | Effec
- Crayon
- Basic
- Tip:
- ↕ 12
- Texture: Grain 65%
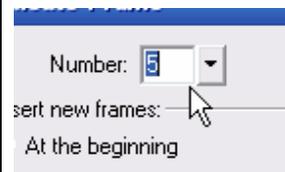- ☑ ↵ Apply

Let's open the Frames Command Window.	Now we're going to do the animation part – we're going to make your bat FLY! We're going to make copies of the frame, then change up the bat in each frame – it makes a movie, sorta.

Window menu:
- Window Help
- New Window   Ctrl+Alt+N
- Toolbars
- ✓ Toolbox   Ctrl+Alt+T
- Optimize
- Object   Ctrl+I
- ✓ Stroke   Ctrl+Alt+B
- Fill   Ctrl+Alt+F
- Effect   Ctrl+Alt+E
- Color Table
- Swatches   Ctrl+Alt+S
- Color Mixer   Ctrl+Alt+M
- Tool Options   Ctrl+Alt+O
- Layers   Ctrl+Alt+L
- Frames   Ctrl+Alt+K

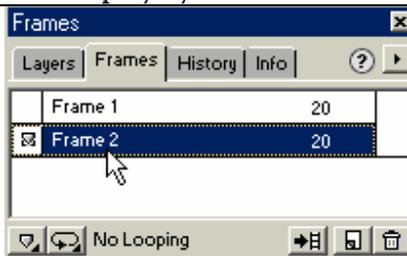| Add Frames… Duplicate Frame… Delete Frame Copy to Frames… Distribute to Frames	Click the little arrow at the top right of the Frames box… Choose duplicate Frame… Number: 5 sert new frames: At the beginning Make 5 or 6.

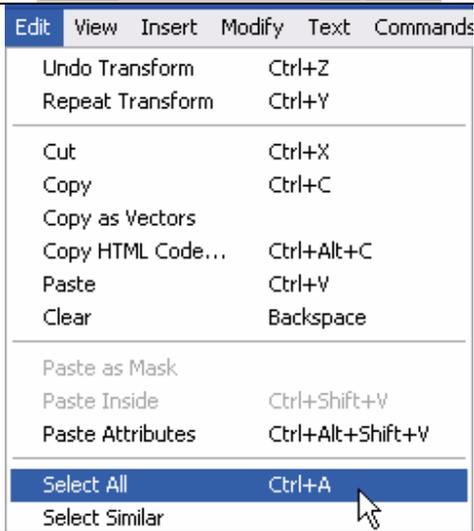| Great job. Now look at the bottom right of	Click now, and you'll see that the screen goes from one bat frame to another, though both pictures are still the same. But we're going to change that right now.

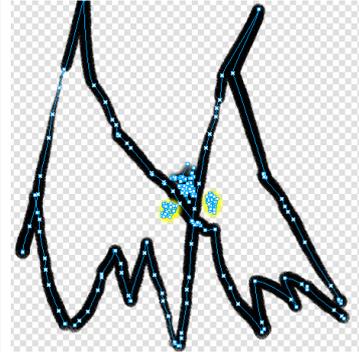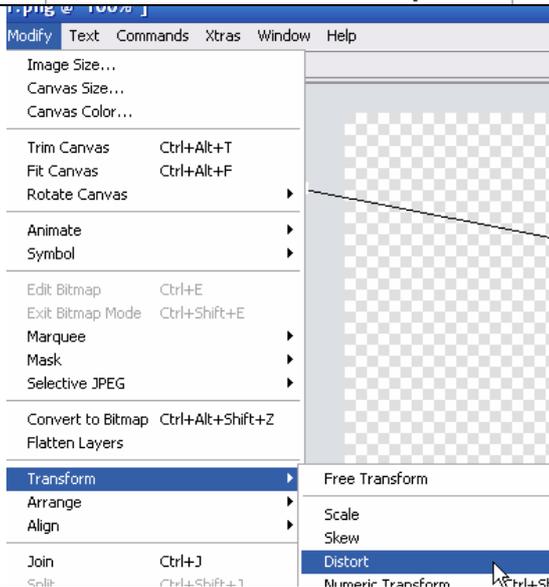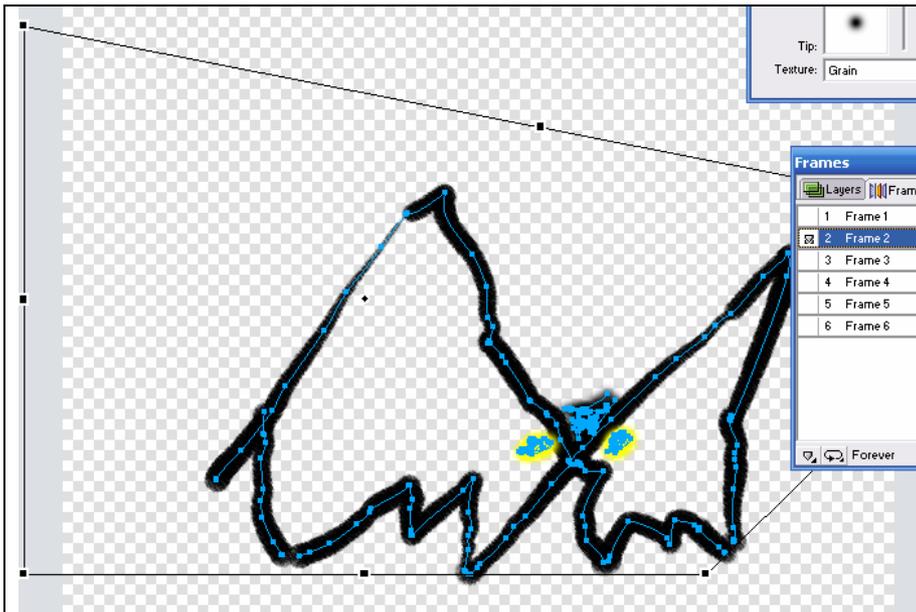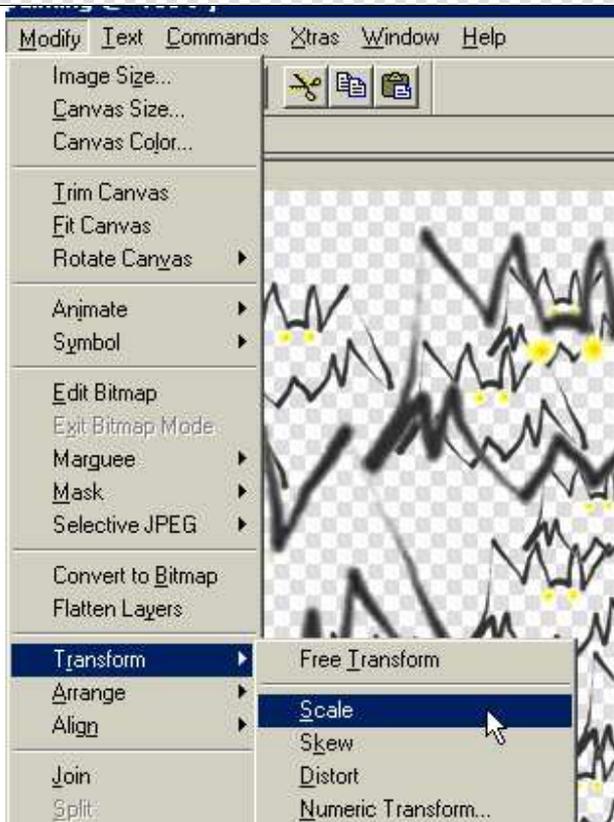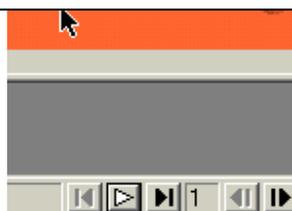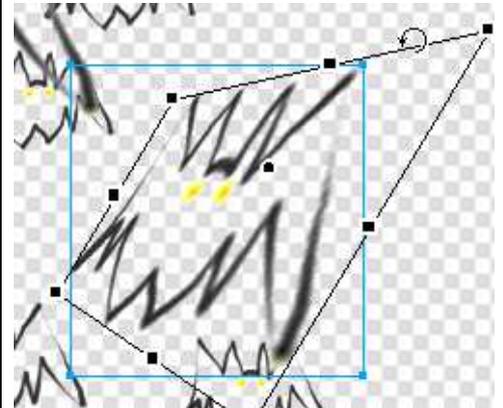|	
your screen – see those controls that look like VCR buttons? Those will "play" your bat movie.	
	Click on Frame 2 It's the copy of your bat that we're going to change.
	Click Edit/Select All (or Ctrl+A) Now all the stroke lines show up.
	Then click Modify/Transform And Skew OR Distort – Distort's my favorite…

You'll get these cool "handles" on the corners – just click on 'em and drag – it's like you've got the image in your hands and can pull it around!

Frames

		Layers	Frame
1	Frame 1		
2	Frame 2		
3	Frame 3		
4	Frame 4		
5	Frame 5		
6	Frame 6		

Forever

But you can also transform your bat by choosing

> Modify—
>> transform—
>>> ■ scale
>>> ■ skew
>>> ■ distort

skew:

Modify Text Commands Xtras Window Help

Image Size...
Canvas Size...
Canvas Color...

Trim Canvas
Fit Canvas
Rotate Canvas

Animate
Symbol

Edit Bitmap
Exit Bitmap Mode
Marquee
Mask
Selective JPEG

Convert to Bitmap
Flatten Layers

Transform   Free Transform
Arrange   Scale
Align   Skew
Join   Distort
Split   Numeric Transform...
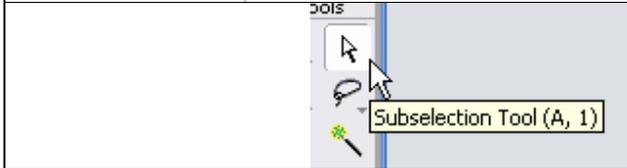
Now, go back to the VCR controls at the bottom of the page and click the play button.

Your bat flock now flies!! But keep testing it often!
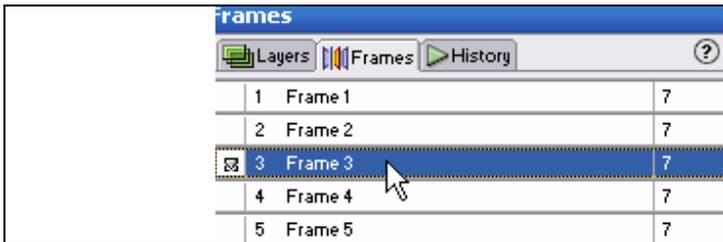
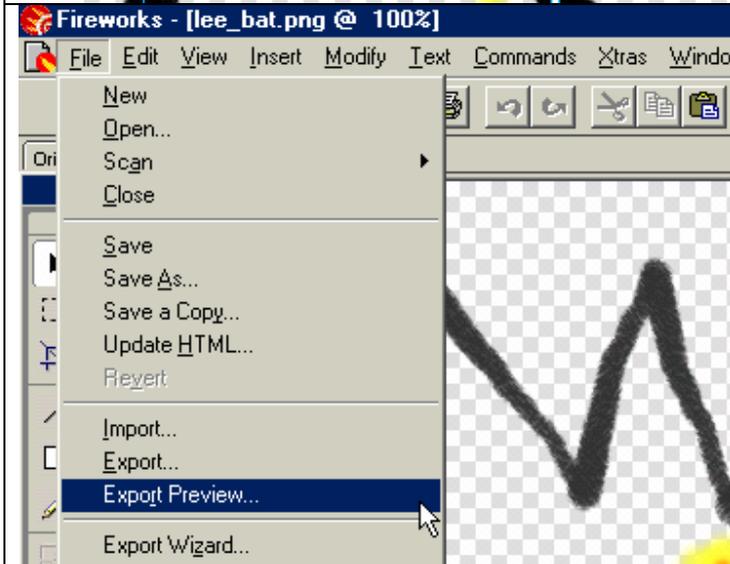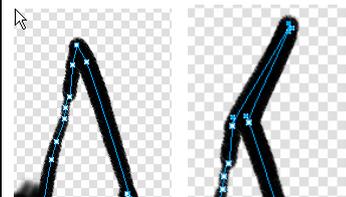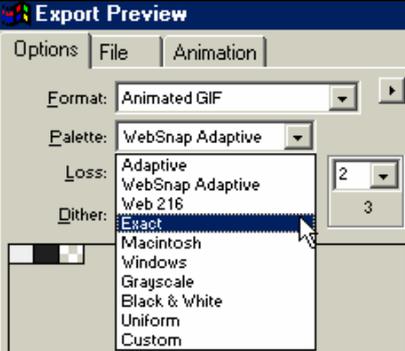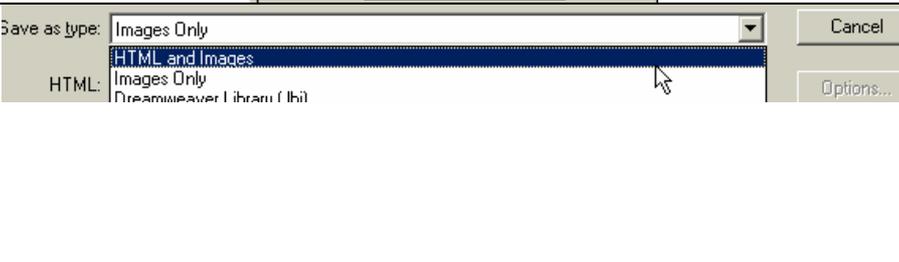|	
Frames Layers | Frames | History 1 Frame 1 7 2 Frame 2 7 3 Frame 3 7 4 Frame 4 7 5 Frame 5 7	Go to each frame and repeat the process – do all frames, and you've got a flying bat movie!
Subselection Tool (A, 1)	Another way to change your bat is to use the Subselection Tool …
	When you click on your bat, you'll see the stroke line light up – you can click and drag on any point on the stroke, and it will move the line…. Try getting that done with crayons!
Fireworks - [lee_bat.png @ 100%] File Edit View Insert Modify Text Commands Xtras Window New Open... Scan ► Close Save Save As... Save a Copy... Update HTML... Revert Import... Export... Export Preview... Export Wizard...	When it's perfect, we'll export your bat picture in ".gif" format so we can put it on the web. Go to File—Export preview again; --Choose Animated Gif **Export Preview** Options | File | Animation Format: GIF Palette: GIF / Animated GIF / JPEG Loss:
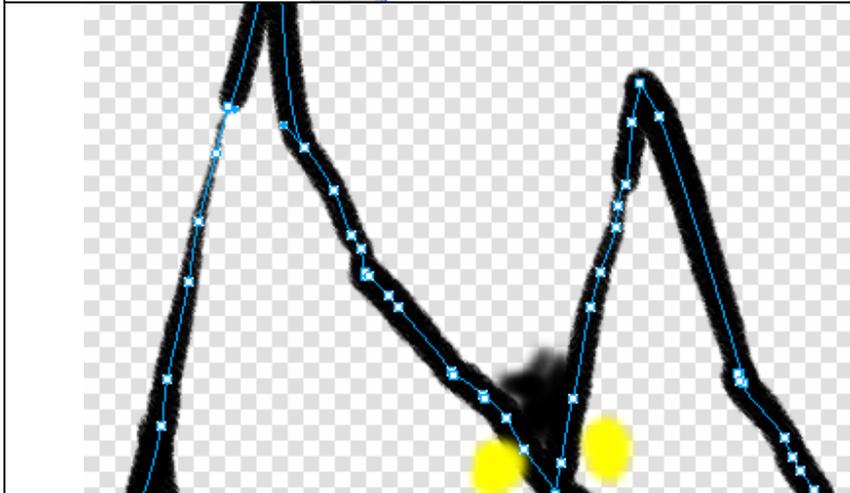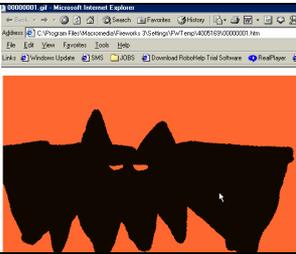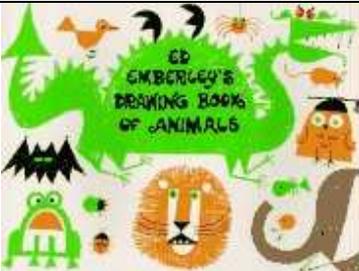
Export Preview Options | File | Animation Format: Animated GIF Palette: WebSnap Adaptive Loss: Adaptive WebSnap Adaptive Web 216 Exact Dither: Macintosh Windows Grayscale Black & White Uniform Custom	You'll probably have to change the Palette part to "Exact" if you want your colors exactly as you've drawn them.
Save as type: Images Only Cancel HTML and Images Images Only HTML: Dreamweaver Library (.lbi) Options...	If you'd like to take your animation home with you, under "save as type", choose: "HTml and images"
	Now you're an animation expert! What else can you animate?
Make an Animated greeting card and send it as an email attachment to your friends!	
ED EMBERLEY'S DRAWING BOOK OF ANIMALS	Check out one of the ed emberley books for ideas on other things to animate – ask a librarian about more art books for kids!