

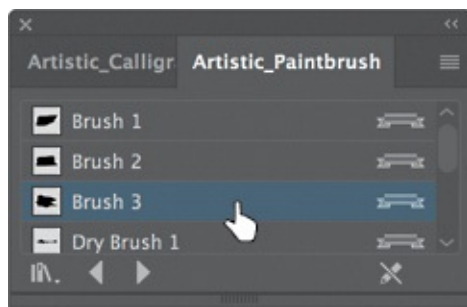


Art brush examples

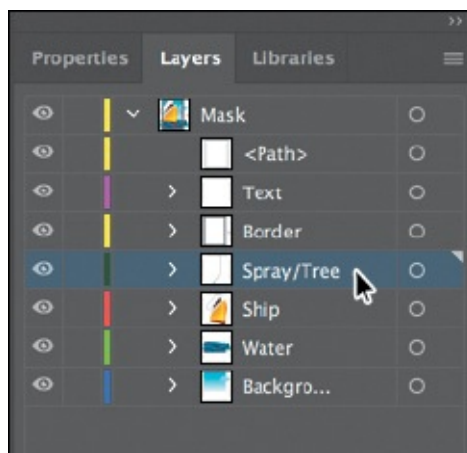
Applying an existing Art brush


Next, you'll apply an existing Art brush to waves at the front of the boat.

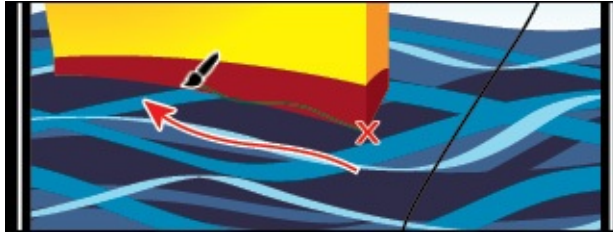
1. In the Brushes panel, click the Brushes panel menu icon (☰), and deselect Show Calligraphic Brushes. Then select Show Art Brushes from the same panel menu to make the art brushes visible in the Brushes panel.
2. Click the Brush Libraries Menu button (📖) at the bottom of the Brushes panel, and choose Artistic > Artistic_Paintbrush.



3. Click the Artistic_Paintbrush panel menu icon (☰), and choose List View. Click the brush named "Brush 3" in the list to add the brush to the Brushes panel for this document. Close the Artistic_Paintbrush panel group.
4. Select the Paintbrush tool (🖌) in the Tools panel.
5. Change the fill color to None (☐), the stroke color to White (if necessary), and the stroke weight to **1 pt** (if necessary) in the Properties panel.



6. Click the Layers panel tab on the right side of the workspace to open the Layers panel. Click the Spray/Tree sublayer so that the new artwork is on that layer. Click the Properties panel tab to show that panel again.
7. Position the Paintbrush pointer () at the bottom front of the ship in the red area (marked with an X in the following figure). Drag to the left along the bottom of the red strip on the ship, just along the water line. See the figure for how I painted it, and don't worry about being exact. You can always choose Edit > Undo Art Stroke and repaint the path.



► **Tip:** With the Paintbrush pointer selected, press the Caps Lock key to see a precise cursor (X). In certain situations, this can help to paint with more precision.

8. Paint a path from the same starting point (the red X in the *previous* figure), but drag to the right this time.
9. Paint a “U” shape from left to right to cover any red showing. See the figure—start at the X in the figure for the “U” shape.



0. Try adding a few more painted paths, always starting from the same point as the original path you painted.



1. Choose File > Save.

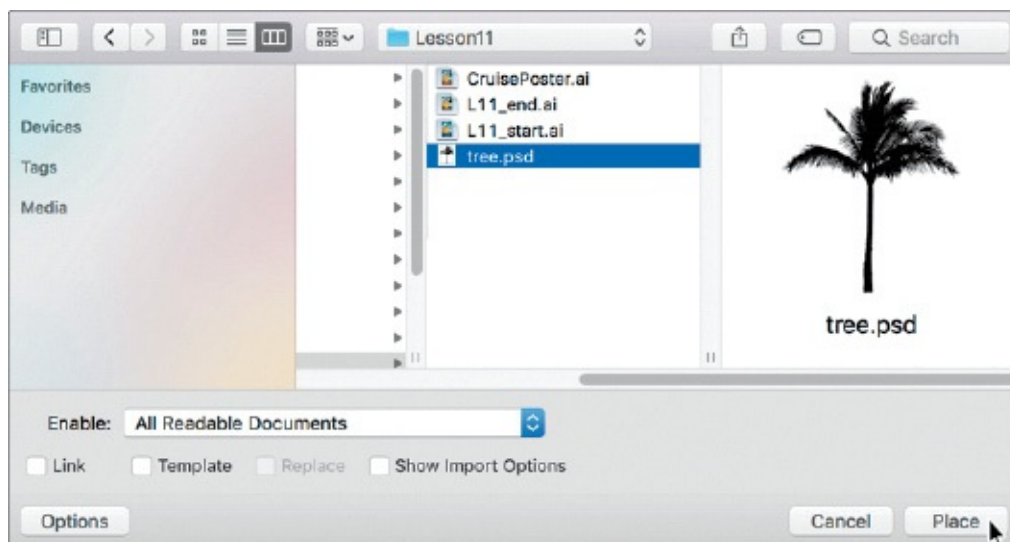
Creating an Art brush using a raster image

● **Note:** To learn about guidelines for creating brushes, see “Create or modify brushes” in Illustrator Help (Help > Illustrator Help).

● **Note:** You may need to click the Options button on macOS to see the Link option.

In this section, you’ll place a raster image and embed it so you can create a new Art brush from it. Images you use in an art brush cannot be linked.

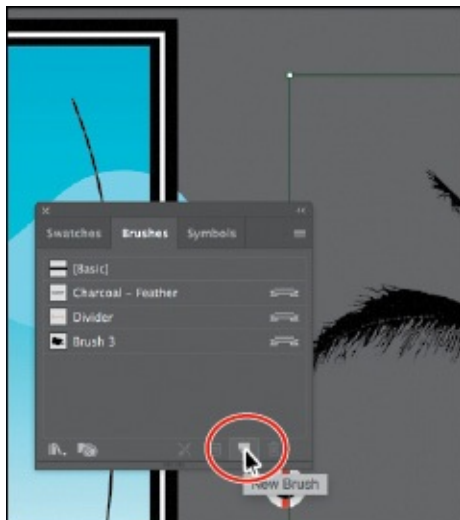
1. Choose File > Place. In the Place dialog box, navigate to the Lesson11 folder, and select the image named tree.psd. Make sure to deselect the Link option. Click Place.



2. Move the pointer off of the right edge of the artboard. Click to place the image.

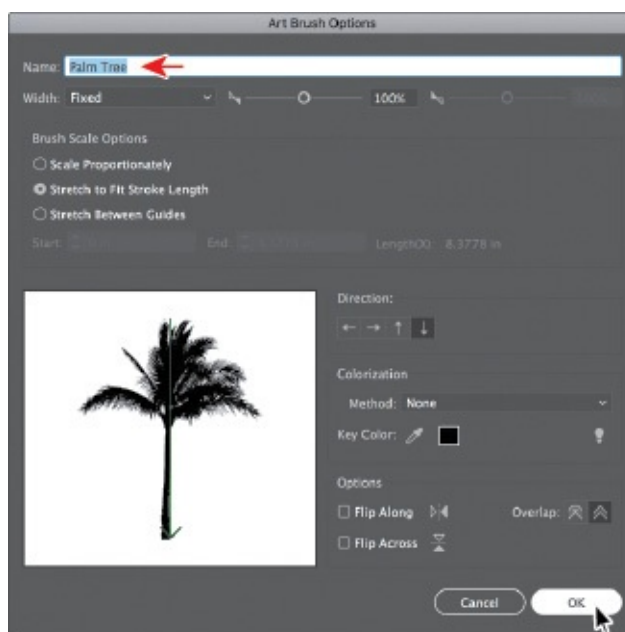
Next, you’ll make an Art brush from the selected artwork. You can make an Art brush from vector artwork or from embedded raster images, but that artwork must not contain gradients, blends, other brush strokes, mesh

objects, graphs, linked files, masks, or text that has not been converted to outlines.



● **Note:** When dealing with embedded images and brushes, there is a direct impact on the performance of the document in Illustrator. There is a fixed limit to the size of the embedded image that can be used for a brush. You may see a dialog box telling you that the image needs to be resampled before you can make a brush from it.

3. Select the Selection tool (▢). Choose Window > Brushes to open the Brushes panel, if it isn't open already. With the placed image still selected, click the New Brush button (🖌) at the bottom of the Brushes panel. This begins the process of creating a new brush from the selected raster artwork.
4. In the New Brush dialog box, select Art Brush and then click OK.



5. In the Art Brush Options dialog box that appears, change the name to **Palm Tree**. Click OK.
6. Delete the image you placed off the right side of the artboard since you don't need it anymore.
7. With the Selection tool selected, click to select the curved black line to the right of the ship.

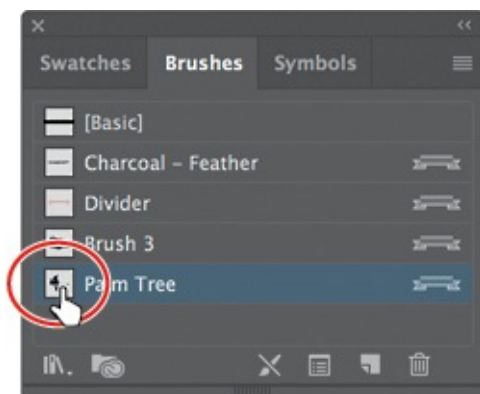


8. Click the brush named “Palm Tree” in the Brushes panel to apply it.

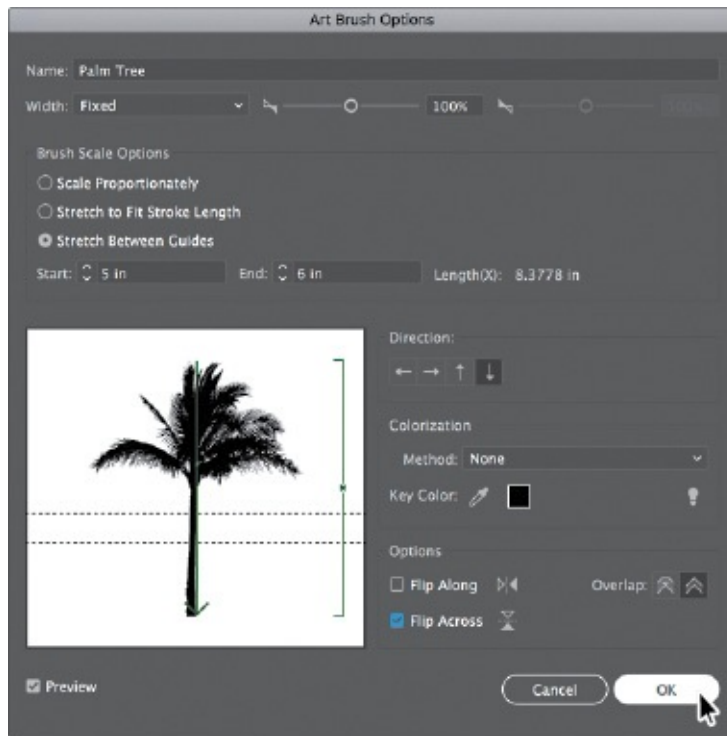
Notice that the original tree image is stretched along the path. This is the default behavior of an Art brush.

Editing an Art brush

Next, you'll edit the Palm Tree Art brush and update the appearance of the palm tree on the artboard.

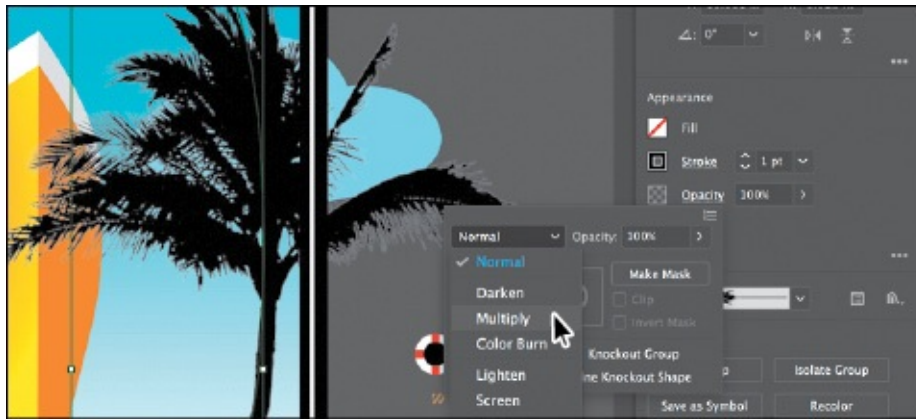


1. With the curved path still selected on the artboard, double-click the brush thumbnail to the left of the text “Palm tree” or to the right of the name in the Brushes panel to open the Art Brush Options dialog box.



► **Tip:** To learn more about the Art Brush Options dialog box, see “Art brush options” in Illustrator Help (Help > Illustrator Help).

2. In the Art Brush Options dialog box, select Preview to see the changes as you make them, and move the dialog box so you can see the curvy line with the brush applied. Make the following changes:
 - Stretch Between Guides: Selected
 - Start: **5 in**
 - End: **6 in**
 - Flip Across: **Selected**
3. Click OK.
4. In the dialog box that appears, click Apply To Strokes to apply the change to the curvy line that has the Palm Tree brush applied.
5. Click the word “Opacity” in the Properties panel, and choose Multiply from the Blend Mode menu. Press Enter or Return to close the Transparency panel.



6. Choose Select > Deselect and then choose File > Save.

Using Bristle brushes

Bristle brushes allow you to create strokes with the appearance of a natural brush with bristles. Painting with a Bristle brush, using the Paintbrush tool, creates vector paths with the Bristle brush applied.

In this section, you'll start by adjusting options for a brush to change how it appears in the artwork and then paint with the Paintbrush tool and a Bristle brush to create smoke.



Bristle brush examples

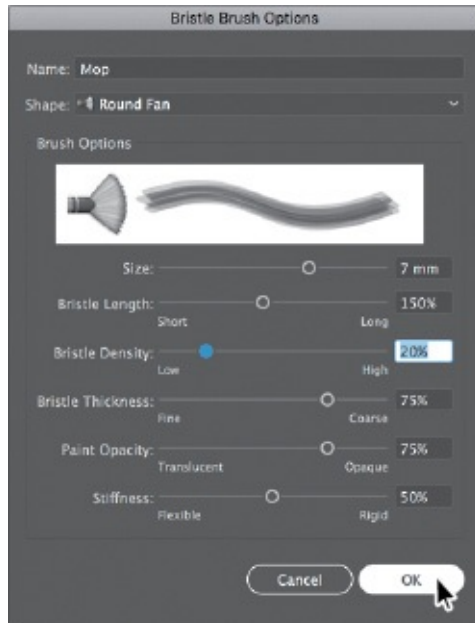
Changing Bristle brush options

Note: To learn more about the Bristle Brush Options dialog box and its settings, see “Using the Bristle brush“ in Illustrator Help (Help > Illustrator Help).

As you've seen, you can change the appearance of a brush by adjusting its settings in the Brush Options dialog box, either before or after brushes have been applied to artwork. In the case of Bristle brushes, it's usually best to adjust the brush settings prior to painting since it can take some time to update the brush strokes.

1. In the Brushes panel, click the panel menu icon (☰), choose Show Bristle Brushes, and then deselect Show Art Brushes.

2. Double-click the thumbnail for the default Mop brush or double-click directly to the right of the brush name in the Brushes panel to change the options for that brush. In the Bristle Brush Options dialog box, make the following changes:



- Shape: **Round Fan** (the default setting)

► **Tip:** Illustrator comes with a series of default Bristle brushes. Click the Brush Libraries Menu button (📖) at the bottom of the Brushes panel, and choose Bristle Brush > Bristle Brush Library.

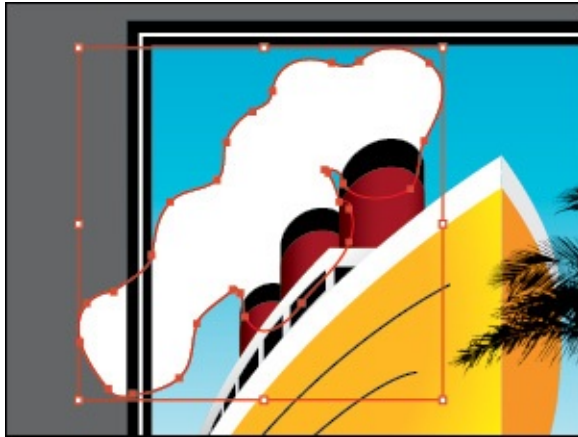
- Size: **7 mm** (The brush size is the diameter of the brush.)
- Bristle Length: **150%** (the default setting) (The bristle length starts from the point where the bristles meet the handle of the bristle tip.)
- Bristle Density: **20%** (The bristle density is the number of bristles in a specified area of the brush neck.)
- Bristle Thickness: **75%** (the default setting) (The bristle thickness can vary from fine to coarse [between 1% and 100%.])
- Paint Opacity: **75%** (the default setting) (This option lets you set the opacity of the paint being used.)
- Stiffness: **50%** (the default setting) (Stiffness refers to the rigidity of the bristles.)

3. Click OK.

Painting with a Bristle brush

Now you'll use the Mop brush to draw some smoke above the ship. Painting with a Bristle brush can create an organic, fluid path. To constrain the painting, you will paint inside a shape. This will mask (hide) part of the painting to be in the shape of smoke.

1. Select the Zoom tool (Q) in the Tools panel, and click a few times, slowly, on the smoke shape above the ship (not the cloud) to zoom in on it.



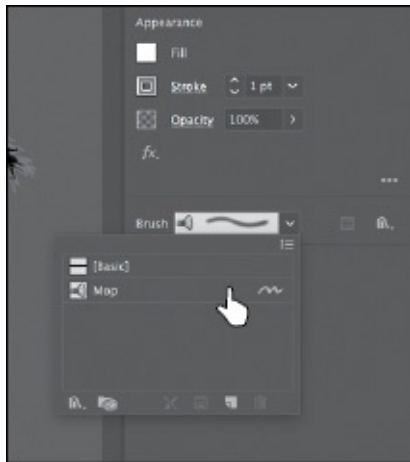
2. Select the Selection tool (V) in the Tools panel, and click to select the smoke shape. This selects the layer that the shape is on so that any artwork you paint will be on the same layer.
3. Click the Draw Inside button (⌘) at the bottom of the Tools panel.

● **Note:** To learn more about the drawing modes, see [Lesson 3, “Using Shapes to Create Artwork for a Postcard.”](#)

● **Note:** If the Tools panel appears as one column, click the Drawing Modes button (⌘) at the bottom of the Tools panel, and then choose Draw Inside from the menu that appears.

4. With the smoke shape still selected, change the fill color to None (⌘) in the Properties panel (press the Escape key to hide the Swatches panel). Leave the stroke as is.
5. Choose Select > Deselect to deselect the smoke shape.

The dotted lines on the corners of the shape indicate that any paths you paint will be masked by the smoke shape.



6. Select the Paintbrush tool (🖌️) in the Tools panel. Choose the Mop brush from the Brush menu in the Properties panel, if it's not already chosen.
7. Make sure that the fill color is None (🔲) and the stroke color is White in the Properties panel. Press the Escape key to hide the Swatches panel. Make sure that the stroke weight is **1 pt** in the Properties panel.
8. Position the pointer at the top of the largest smokestack. (See the red X in the following figure.) Drag up and then down and to the left to loosely follow the edge of the smoke shape. Release the mouse button when you reach the end of the smoke shape.

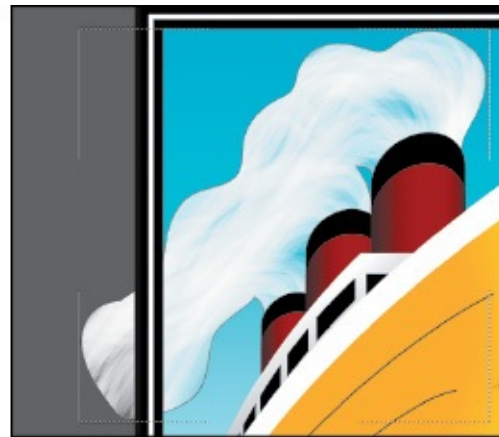
▶ **Tip:** If you don't like what you just painted, you can choose Edit > Undo Bristle Stroke.

When you release the mouse button, notice that part of the path you just painted is masked (hidden) by the smoke shape.

▶ **Tip:** If you want to edit paths as you draw, you can select the Keep Selected option in the Paintbrush Tool Options for the Paintbrush tool or you can select paths with the Selection tool. You don't need to completely fill the shape.

9. Use the Paintbrush tool to paint more paths inside the smoke shape, using the Mop brush. Try drawing from each of the smokestacks, following the smoke shape. The idea is to fill up the smoke shape with the paths you paint.

● **Note:** In the first part of the figure, I dimmed the shape paths so you could more easily see the smoke paths.



Cleaning up the shapes

Next, you'll remove the stroke on the smoke shape.

1. Choose View > Outline to see all of the paths you just created when painting.



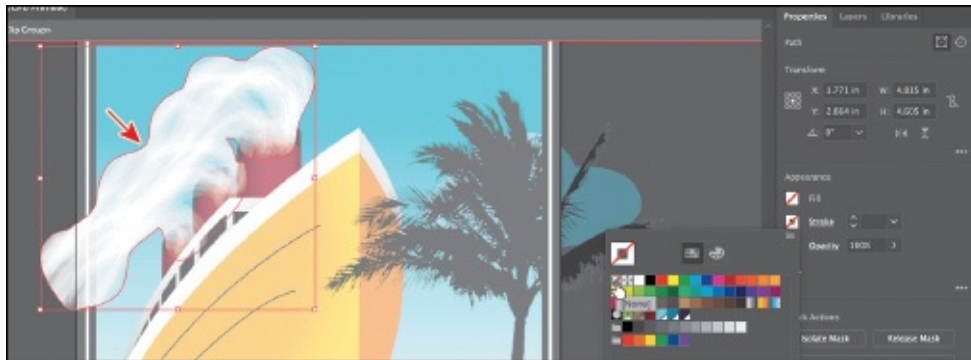
2. Choose Select > Object > Bristle Brush Strokes to select all of the paths created with the Paintbrush tool using the Mop brush.
3. Choose Object > Group and then choose View > GPU Preview if supported or View > Preview On CPU if not.

● **Note:** If the Tools panel appears as one column, click the Drawing Modes button at the bottom of the Tools panel and then choose Draw Normal from the menu that appears.

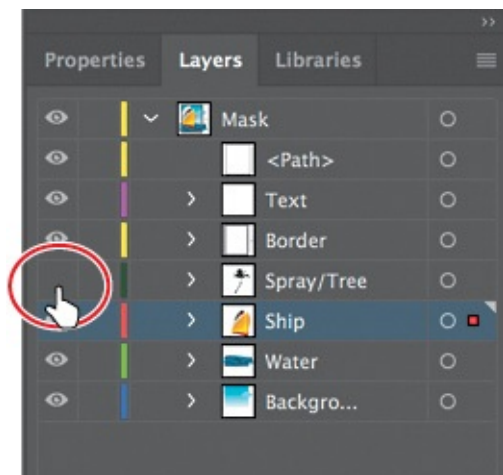
● **Note:** Be careful you don't double-click on the path with the Palm Tree brush applied, since it may overlap the smoke shape.

4. Click the Draw Normal button (🖌️) at the bottom of the Tools panel.
5. Select the Selection tool in the Tools panel. Choose Select > Deselect.

6. Double-click in the smoke shape to enter Isolation mode. Click the edge of the original smoke shape to select it. Change the stroke color to None (☐) in the Properties panel.



7. Press the Escape key several times to hide the panel and to exit Isolation mode.



► **Tip:** You can also double-click away from the artwork to exit Isolation mode.

8. Click the Layers tab on the right side of the workspace to show the Layers panel. Click the eye icon (👁) to the left of the Spray/Tree sublayer name to hide the artwork on that layer. Click the Properties panel tab to show that panel again.
9. Choose Select > Deselect and then choose File > Save.

When saving, you may see a warning dialog box indicating that the document contains multiple Bristle brush paths with transparency. As mentioned earlier, painting with a Bristle brush creates a series of individual vector paths with the brush applied. This can lead to issues with printing or saving to EPS/PDF or legacy versions of Illustrator documents. In order to reduce the complexity and number of the Bristle Brush paths, you can rasterize paths with a Bristle brush applied. Select the path(s) with

the Bristle brush applied, and choose Object > Rasterize.

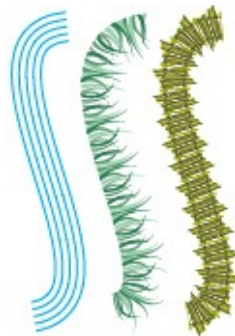
The Bristle brush and graphic tablets

When you use Bristle brush with a graphic tablet, Illustrator interactively tracks the movements of the stylus over the tablet. It interprets all aspects of its orientation and pressure input at any point along a drawing path. Illustrator provides the output that is modeled on the stylus's x-axis position, y-axis position, pressure, tilt, bearing, and rotation.

—From Illustrator Help

Using Pattern brushes

Pattern brushes paint a pattern made up of separate sections, or *tiles*. When you apply a Pattern brush to artwork, different tiles of the pattern are applied to different sections of the path, depending on where the section falls on the path—the end, middle, or corner. There are hundreds of interesting Pattern brushes that you can choose from when creating your own projects, from grass to cityscapes. Next, you'll apply an existing Pattern brush to a path to create windows on the ship.



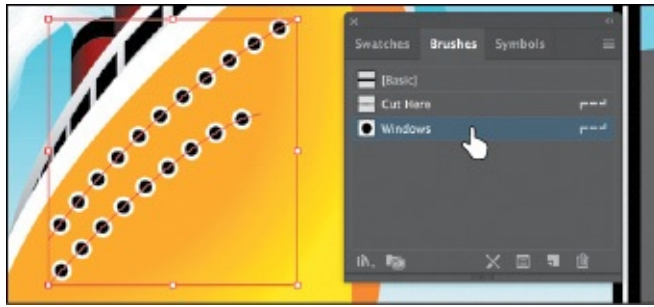
Pattern brush examples

1. Choose View > Fit Artboard In Window.
2. In the Brushes panel, click the panel menu icon (☰), choose Show Pattern Brushes, and then deselect Show Bristle Brushes.

The brush named “Windows” that appears in the Brushes panel is a brush that I created and saved with the file. Next, you'll apply a Pattern brush, and then edit its properties.

► **Tip:** Just like other brush types, there is a series of default Pattern brush libraries that come with Illustrator. To access them, click the Brush Libraries Menu button (📖), and choose a library from one of the menus (the Decorative menu, for example).

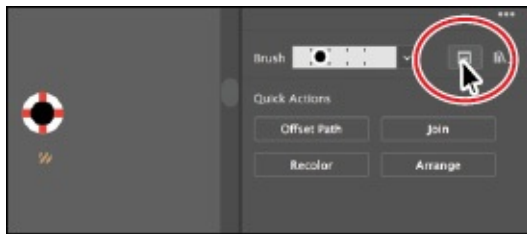
3. With the Selection tool (▢) selected, Shift-click the two black paths on the orange/yellow shape to select them both.



4. Select the Windows Pattern brush from the Brushes panel to apply the Pattern brush.

Next, you'll edit the brush properties for one of the paths.

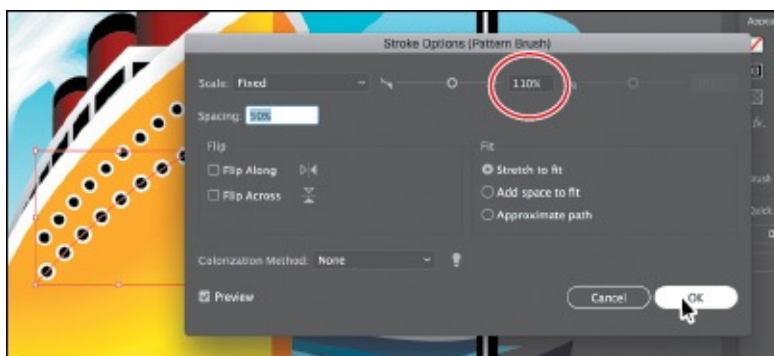
5. Choose Select > Deselect and then click the bottommost path with the Windows brush applied to select it.



6. Click the Options Of Selected Object button (▢) in the Properties panel to edit the brush options for only the selected path on the artboard.

7. **Tip:** To change the size of the windows, you can also change the stroke weight of the lines on the artboard, with the brush applied.

Select Preview in the Stroke Options (Pattern Brush) dialog box. Change the Scale to **110%** either by dragging the Scale slider or by typing in the value. Click OK.



- Tip:** You'll also see the Options Of Selected Object button (▢) at the bottom of the Brushes panel.

When you edit the brush options of the selected object, you only see some of the brush options. The Stroke Options (Pattern Brush) dialog box is used to edit the properties of the brushed path without updating the corresponding brush.

8. Choose Select > Deselect and then choose File > Save.

Creating a Pattern brush

You can create a Pattern brush in several ways. For a simple pattern applied to a straight line, for instance, you can select the content that you're using for the pattern and click the New Brush button (🖌️) at the bottom of the Brushes panel.

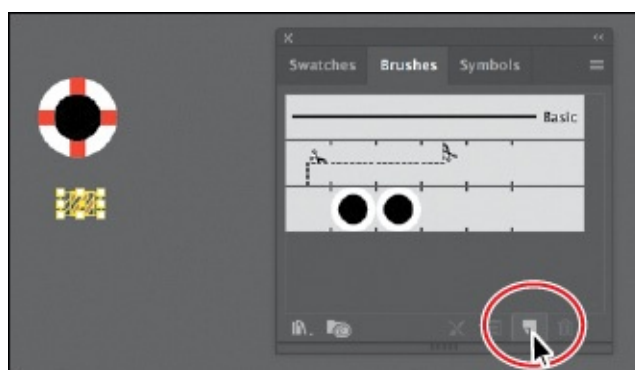
To create a more complex pattern to apply to objects with curves and corners, you can select artwork in the Document window to be used in a pattern brush, create swatches in the Swatches panel from the artwork that you are using in the Pattern brush, and even have Illustrator autogenerate the Pattern brush corners. In Illustrator, only the side tile needs to be defined. Illustrator automatically generates four different types of corners based on the art used for the side tile. These four autogenerated options fit the corners perfectly. Next, you'll create a Pattern brush for the border around the poster.

1. Choose View > Pattern objects. This should show you a zoomed-in view of the life preserver and the rope off the right edge of the artboard.

● **Note:** You'll find Pattern Objects at the bottom of the View menu.

2. With the Selection tool (🖱️) selected, click to select the brown rope group.
3. Click the panel menu icon (☰) in the Brushes panel, and choose Thumbnail View.

Notice that Pattern brushes in the Brushes panel are segmented in Thumbnail view. Each segment corresponds to a pattern tile.



4. In the Brushes panel, click the New Brush button (🖌️) to create a pattern

out of the rope.

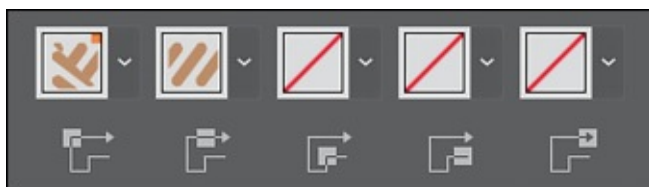
5. In the New Brush dialog box, select Pattern Brush. Click OK.

A new Pattern brush can be made regardless of whether artwork is selected. If you create a Pattern brush without artwork selected, it is assumed that you will add artwork by dragging it into the Brushes panel later or by selecting the artwork from a pattern swatch you create as you edit the brush. You will see the latter method later in this section.

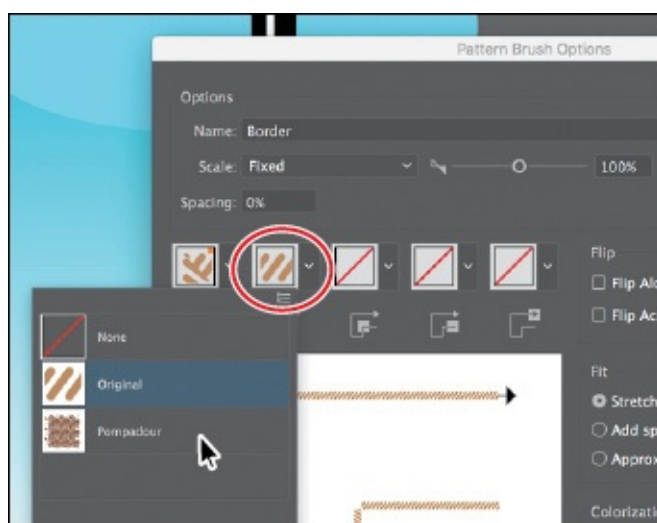
6. In the Pattern Brush Options dialog box, name the brush **Border**.

Pattern brushes can have up to five tiles—the side, start, and end tiles, plus an outer-corner tile and an inner-corner tile to paint sharp corners on a path.

● **Note:** Some brushes have no corner tiles because they are designed for curved paths.



You can see all five tiles as buttons below the Spacing option in the dialog box. The tile buttons let you apply different artwork to different parts of the path. You can click a tile button for the tile you want to define, and then you select an autogenerated selection (if available) or a pattern swatch from the menu that appears.



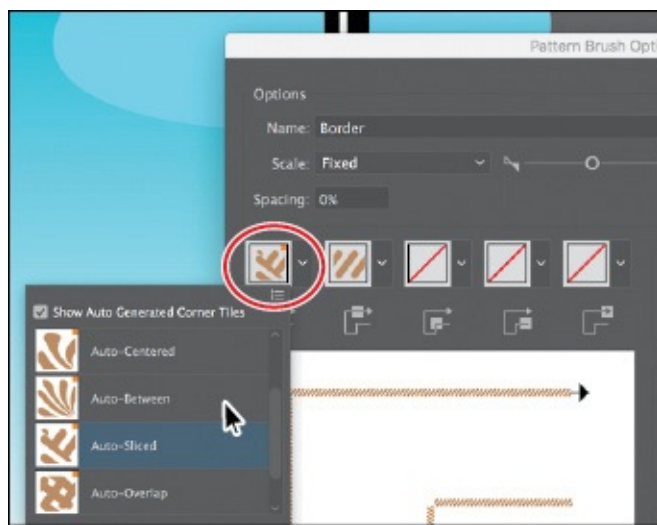
► **Tip:** Selected artwork becomes the side tile, by default, when creating a Pattern brush.

7. Under the Spacing option, click the Side Tile box (the second tile from the left). The artwork that was originally selected is in the menu that appears, along with None and any pattern swatches found in the Swatches panel. Choose Pompadour from the menu.

In the Preview area below the tiles, you will see how the new artwork affects a path.

► **Tip:** Position the pointer over the tile squares in the Pattern Brush Options dialog box to see a tooltip indicating which tile it is.

8. Click the Side Tile box again, and choose the option called “Original.”



9. Click the Outer Corner Tile box to reveal the menu.

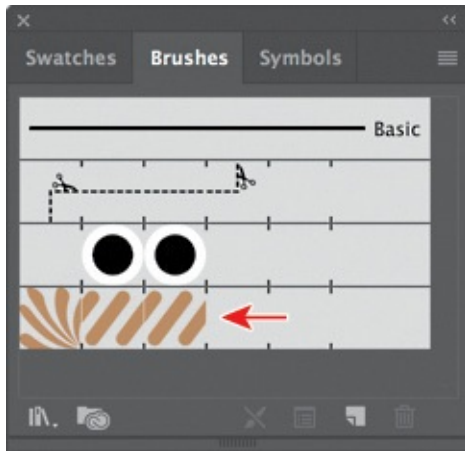
The outer-corner tile has been generated automatically by Illustrator, based on the original rope artwork. In the menu, you can choose from four types of corners that are generated automatically:

- **Auto-Centered.** The side tile is stretched around the corner and centered on it.

► **Tip:** To save a brush and reuse it in another file, you can create a brush library with the brushes you want to use. For more information, see “Work with brush libraries” in Illustrator Help.

- **Auto-Between.** Copies of the side tile extend all the way into the corner, with one copy on each side. Folding elimination is used to stretch them into shape.
- **Auto-Sliced.** The side tile is sliced diagonally, and the pieces come together, similar to a miter joint in a wooden picture frame.

- **Auto-Overlap.** Copies of the tiles overlap at the corner.
0. Choose Auto-Between from the menu. This generates the outer corner of any path that the Pattern brush will be applied to from the rope.



1. Click OK. The Border brush appears in the Brushes panel.

Applying a Pattern brush

In this section, you'll apply the Border Pattern brush to a rectangular border around the artwork. As you've seen, when you use drawing tools to apply brushes to artwork, you first draw the path with the drawing tool and then select the brush in the Brushes panel to apply the brush to the path.

1. Choose View > Fit Artboard In Window.
2. With the Selection tool (▢) selected, click the white stroke of the rectangle on the border.
3. In the Tools panel, click the Fill box, and make sure that None (□) is selected. Then click the Stroke box and select None (□).
4. With the rectangle selected, click the Border brush in the Brushes panel.



5. Choose Select > Deselect.

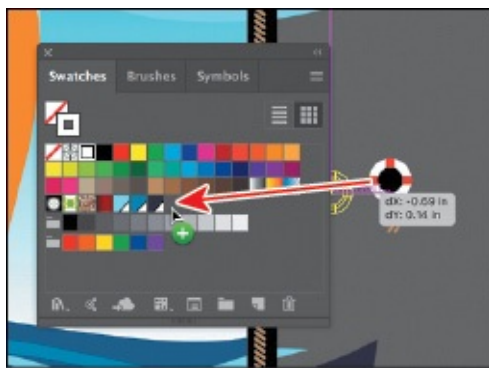
The rectangle is painted with the Border brush, with the side tile on the sides and the outer-corner tile on each corner.

Editing the Pattern brush

► **Tip:** For more information on creating pattern swatches, see “About patterns” in Illustrator Help.

Now you'll edit the Border Pattern brush using a pattern swatch that you create.

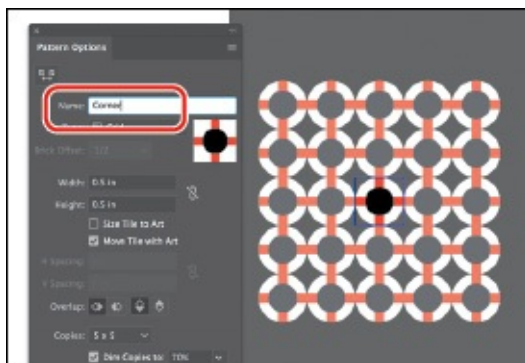
1. Choose Window > Swatches to open the Swatches panel.
2. Choose View > Pattern objects to zoom in to the life preserver off the right edge of the artboard.



3. With the Selection tool (⬵), drag the life preserver into the Swatches panel.

The new pattern swatch appears in the Swatches panel. After you create a pattern brush, you can delete the pattern swatches from the Swatches panel, if you don't plan to use them for additional artwork.

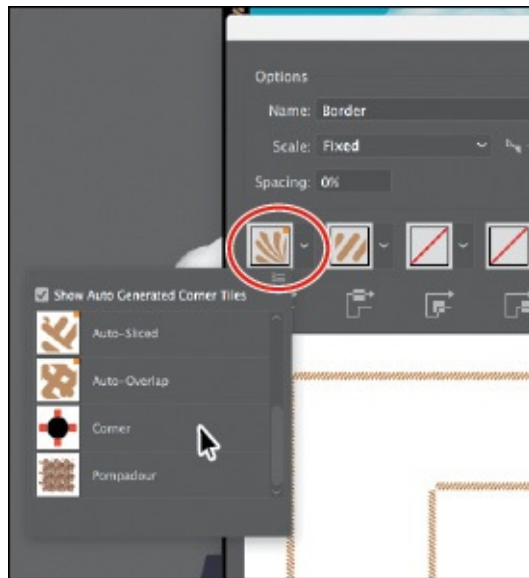
4. Choose Select > Deselect.
5. In the Swatches panel, double-click the pattern swatch that you just created to enter Pattern Editing mode.



6. In the Pattern Options dialog box, name the swatch **Corner**.

You don't have to name the pattern swatch, but it can make it easier to select when you edit the brush.

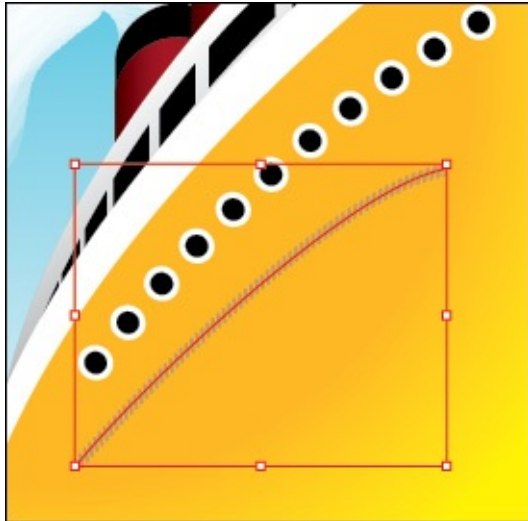
7. Click Done in the gray bar, along the top of the Document window, to finish editing the pattern.
8. Choose View > Fit Artboard In Window.
9. In the Brushes panel (Window > Brushes), double-click the Border Pattern brush to open the Pattern Brush Options dialog box.



0. Click the Outer Corner Tile box, and choose the Corner pattern switch from the menu that appears (you'll need to scroll). Change Scale from 100% to **70%**, and click OK. The figure shows choosing the outer-corner tile.

► **Tip:** You can also change the pattern tiles in a Pattern brush by pressing the Option (macOS) or Alt (Windows) key and dragging artwork from the artboard onto the tile of the Pattern brush you want to change in the Brushes panel.

1. In the dialog box that appears, click Apply To Strokes to update the border on the artboard.



2. With the Selection tool selected, click to select one of the paths that contains a row of windows. Click the Border brush in the Brushes panel to apply it.

Notice that the life preservers are not applied to the path. The path is painted with the side tile from the Border brush. Because the path does not include sharp corners, outer-corner and inner-corner tiles are not applied to the path.

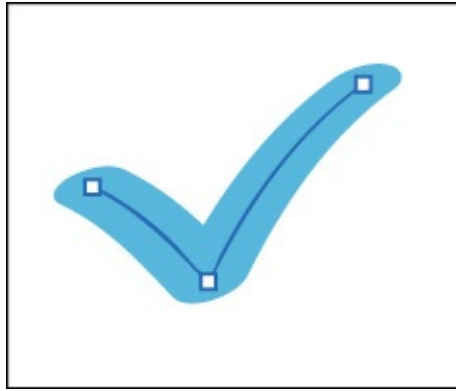
3. Choose Edit > Undo Apply Pattern Brush to remove the brush from the path.

● **Note:** Earlier in the lesson, you learned how to remove a brush from an object by clicking the Remove Brush Stroke button (✕) in the Brushes panel. In this case, you chose Edit > Undo Apply Pattern Brush instead, because clicking the Remove Brush Stroke button would strip the previous formatting from the path, leaving it with a default fill and stroke.

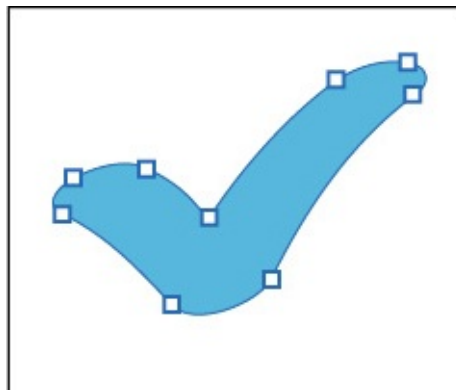
4. Choose Select > Deselect and then choose File > Save.

Working with the Blob Brush tool

You can use the Blob Brush tool (🖌) to paint filled shapes that intersect and merge with other shapes of the same color. With the Blob Brush tool, you can draw with Paintbrush tool artistry. Unlike the Paintbrush tool, which lets you create open paths, the Blob Brush tool lets you create a closed shape with a fill only (no stroke) that you can then easily edit with the Eraser or Blob Brush tool. Shapes that have a stroke cannot be edited with the Blob Brush tool.



Path created with the Paintbrush tool

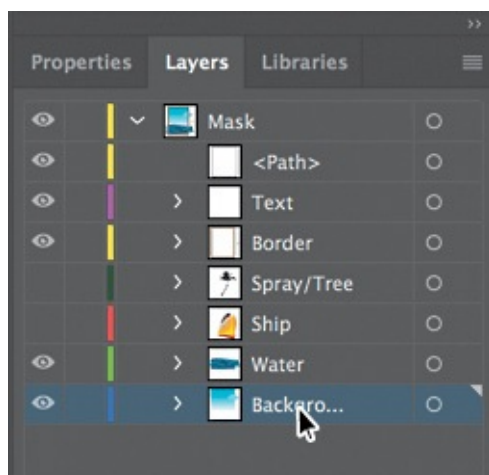


Shape created with the Blob Brush tool

Drawing with the Blob Brush tool

Next, you'll use the Blob Brush tool to create part of a cloud.

1. Click the Layers panel tab on the right side of the workspace to show the Layers panel. Click the eye icon (👁️) to the left of the Ship sublayer to hide the contents of the layer. Click the Background sublayer to select it.

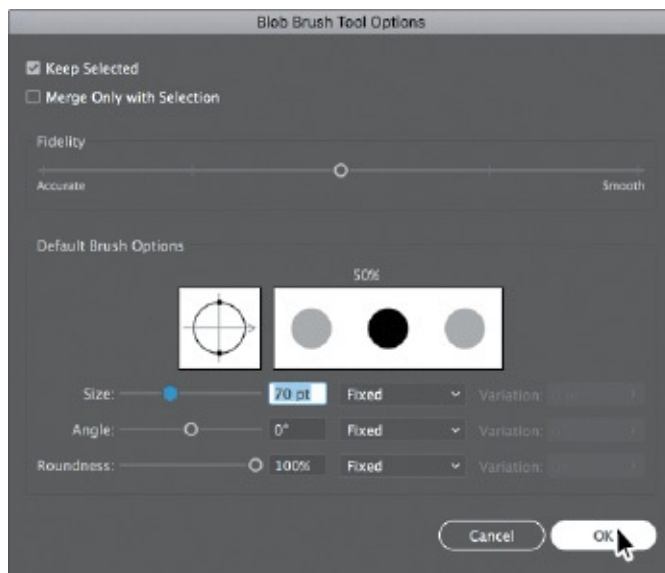


2. In the Swatches panel, select the Fill color box and then select the swatch named "Light Blue." Select the Stroke color box and select None (🗑️) to remove the stroke.

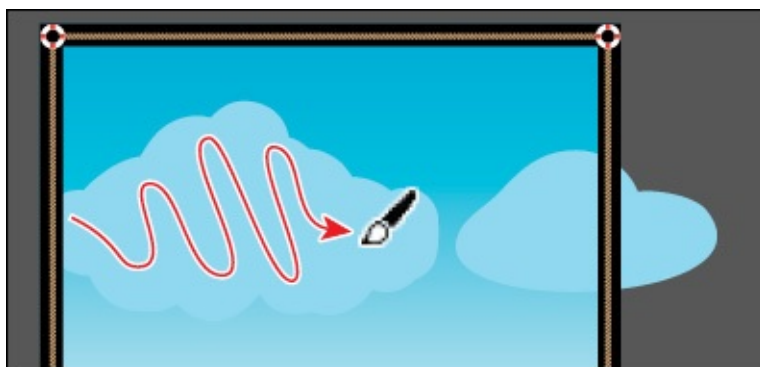


When drawing with the Blob Brush tool, if a fill and stroke are set before drawing, the stroke color becomes the fill color of the shape made by the Blob Brush tool. If only a fill is set before drawing, it ultimately becomes the fill of the shape created.

3. Click and hold down on the Paintbrush tool (🖌️) in the Tools panel, and select the Blob Brush tool (🖍️). Double-click the Blob Brush tool in the Tools panel. In the Blob Brush Tool Options dialog box, change the following:
 - Keep Selected: **Selected**
 - Size: **70 pt**
4. Click OK.



5. Position the pointer to the left of the little blue cloud in the sky. Drag to create a cloud shape that *doesn't* touch the little cloud to the right of it (see the figure).



When you draw with the Blob Brush tool, you create filled, closed shapes. Those shapes can contain any type of fill, including gradients, solid colors, patterns, and more. Notice that the Blob Brush pointer has a circle around it before you begin painting. That circle indicates the size of the brush (70 pt, which you set in the previous step).

► **Tip:** You can also change the Blob Brush size by pressing the right bracket key (]) or left bracket key ([) several times to increase or decrease the size of the brush.


Merging paths with the Blob Brush tool

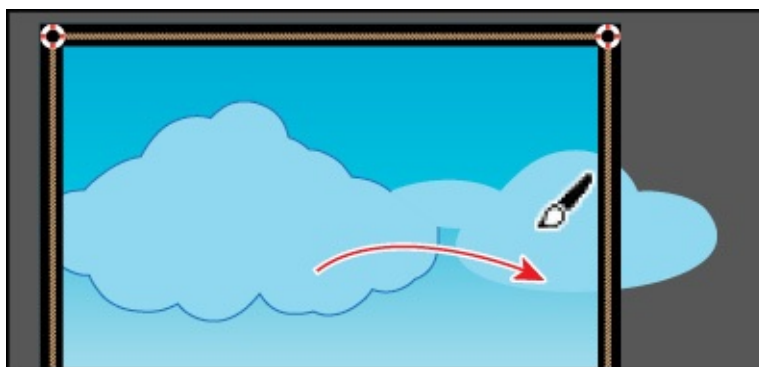
In addition to drawing new shapes with the Blob Brush tool, you can use it to intersect and merge shapes of the same color. Objects merged with the Blob Brush tool need to have the same appearance attributes, have no stroke, be on the same layer or group, and be adjacent to each other in the stacking order.

● **Note:** To learn more about Blob Brush tool guidelines, search for “Painting with fills and strokes” in Illustrator Help (Help > Illustrator Help). On that Help page, go to the section titled “Draw and merge paths with the Blob Brush tool.”

● **Note:** In the figure, the cloud you drew has a blue outline. You may not see that, and that’s okay.

Next, you will merge the cloud you just created with the little cloud to the right of it to create one big cloud.

1. Choose Select > Deselect.
2. With the Blob Brush tool () selected, drag from inside the cloud shape you created to the inside of the little cloud to the right, connecting the two shapes.

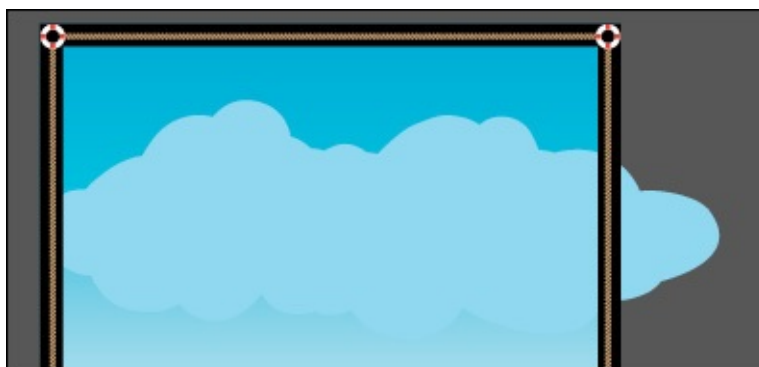


● **Note:** If you find that the shapes are not merging, it may be that they have different strokes and fills. You can select both the cloud you created and the small cloud with the Selection tool (▸) and ensure that the fill color is the light blue swatch and the stroke is None in the Properties panel. Then you can select the Blob Brush tool and try dragging from one cloud to the other.

3. Continue drawing with the Blob Brush tool to make the two clouds look more like a single cloud.

If you find that new shapes are being made instead of the existing cloud shape being edited, undo what you've created. Then, with the Selection tool (▸), reselect and deselect the cloud shape and continue.

4. Choose Select > Deselect and then choose File > Save.



Editing with the Eraser tool

▶ **Tip:** As you draw with the Blob Brush and Eraser tools, it is recommended that you use shorter strokes and release the mouse button often. You can undo the edits that you make, but if you draw in one long stroke without releasing the mouse button, an undo removes the entire stroke.

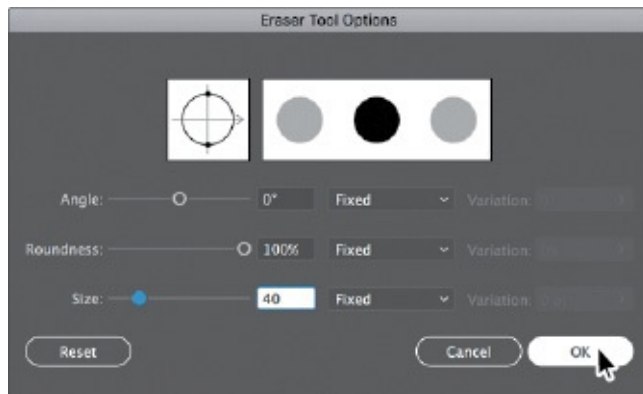
As you draw and merge shapes with the Blob Brush tool, you may draw too much and want to edit what you've done. You can use the Eraser tool (◆) in

combination with the Blob Brush tool to mold the shape and to correct any changes you don't like.

1. With the Selection tool (▢), click to select the cloud shape.

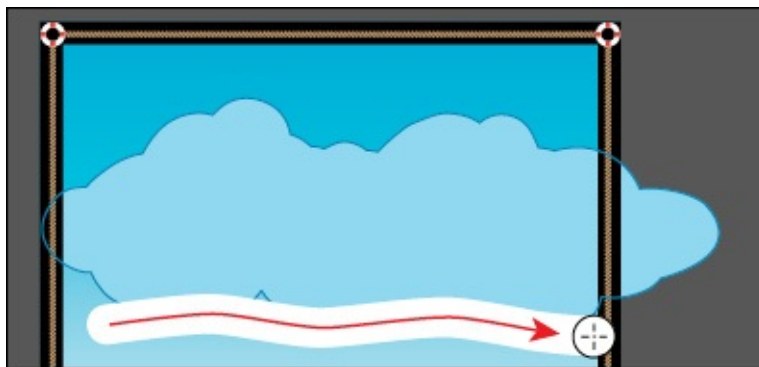
Selecting the shape(s) before erasing limits the Eraser tool to erasing only the selected shape(s).

2. Double-click the Eraser tool (◆) in the Tools panel. In the Eraser Tool Options dialog box, change Size to **40 pt**, and click OK.



3. Position the pointer over the edge of the cloud shape and, with the Eraser tool, drag along the bottom of the cloud shape to remove some of it. Try switching between the Blob Brush tool and the Eraser tool to edit the cloud.

The Blob Brush and Eraser tools both have pointers that include a circle, indicating the diameter of the brush.



4. Choose Select > Deselect.
5. Click the Layers panel tab on the right side of the workspace to show the Layers panel, if necessary. Click the visibility columns to the left of all the sublayers to ensure that they are all showing. Click to select the main layer named "Mask" at the top of the Layers panel. Click the Make/Release Clipping Mask button (⌘) at the bottom of the Layers panel.





By clicking the Make/Release Clipping Mask button, you are taking an existing rectangle shape and using it to mask content. To learn more about masking, see [Lesson 14, “Using Illustrator CC with Other Adobe Applications.”](#)




6. Choose Object > Show All to show some poster text.
7. Choose Select > Deselect.
8. Choose File > Save, and close all open files.




Review questions

1. What is the difference between applying a brush to artwork using the Paintbrush tool () and applying a brush to artwork using one of the drawing tools?
2. Describe how artwork in an Art brush is applied to content.
3. Describe how to edit paths with the Paintbrush tool as you draw. How does the Keep Selected option affect the Paintbrush tool?
4. What must be done to a raster image in order for it to be used in certain brushes?
5. For which brush types must you have artwork selected on the artboard before you can create a brush?
6. What does the Blob Brush tool () allow you to create?

Review answers

1. When painting with the Paintbrush tool (), if a brush is chosen in the Brushes panel and you draw on the artboard, the brush is applied directly to the paths as you draw. To apply brushes using a drawing tool, you select the tool and draw in the artwork. Then you select the path in the artwork and choose a brush in the Brushes panel. The brush is applied to the selected path.
2. An Art brush is made from artwork (vector or embedded raster). When you apply an Art brush to the stroke of an object, the artwork in the Art brush, by default, is stretched along the selected object stroke.
3. To edit a path with the Paintbrush tool, drag over a selected path to redraw it. The Keep Selected option keeps the last path selected as you draw with the Paintbrush tool. Leave the Keep Selected option selected when you want to easily edit the previous path as you draw. Deselect the Keep Selected option when you want to draw layered paths with the paintbrush without altering previous paths. When Keep Selected is deselected, you can use the Selection tool () to select a path and then edit it.
4. In order to be used in certain brushes (Art, Pattern, and Scatter), a raster image must be embedded.
5. For Art (and Scatter) brushes, you need to have artwork selected in order to create a brush using the New Brush button () in the Brushes panel.

6. Use the Blob Brush tool () to edit filled shapes that you can intersect and merge with other shapes of the same color or to create artwork from scratch.