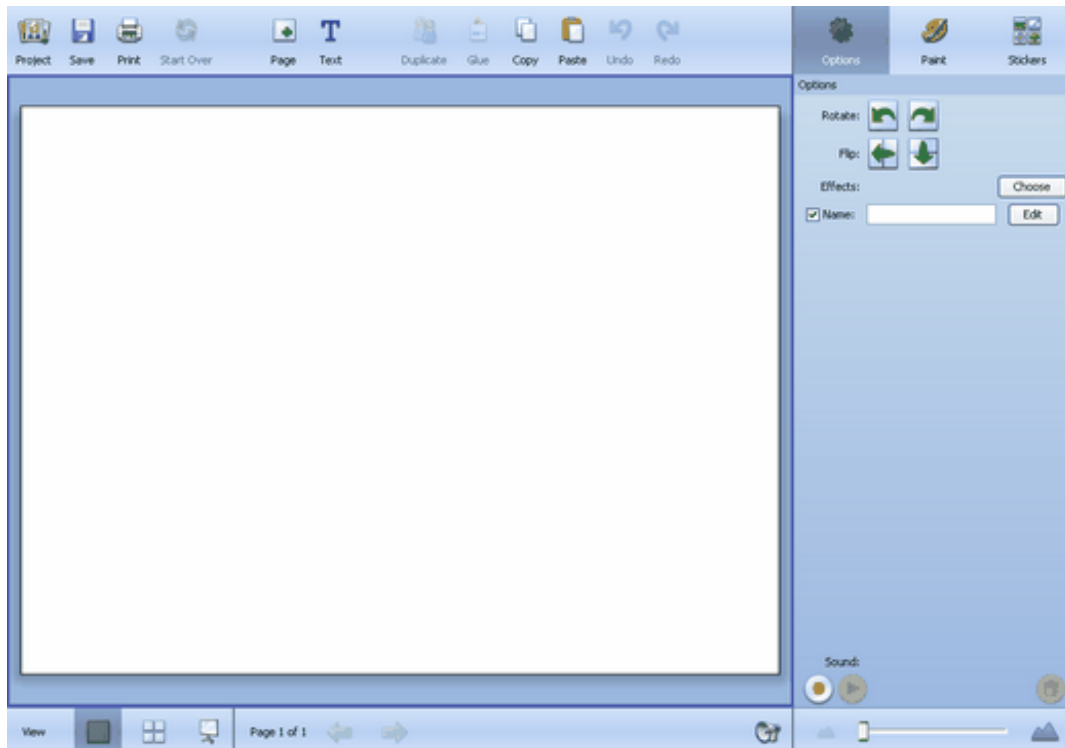


Recipes4Success®

In this Recipe, you will learn the basics of using Pixie as you explore number facts through skip counting, the commutative property of addition, and multiplication word problems.



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Introduction

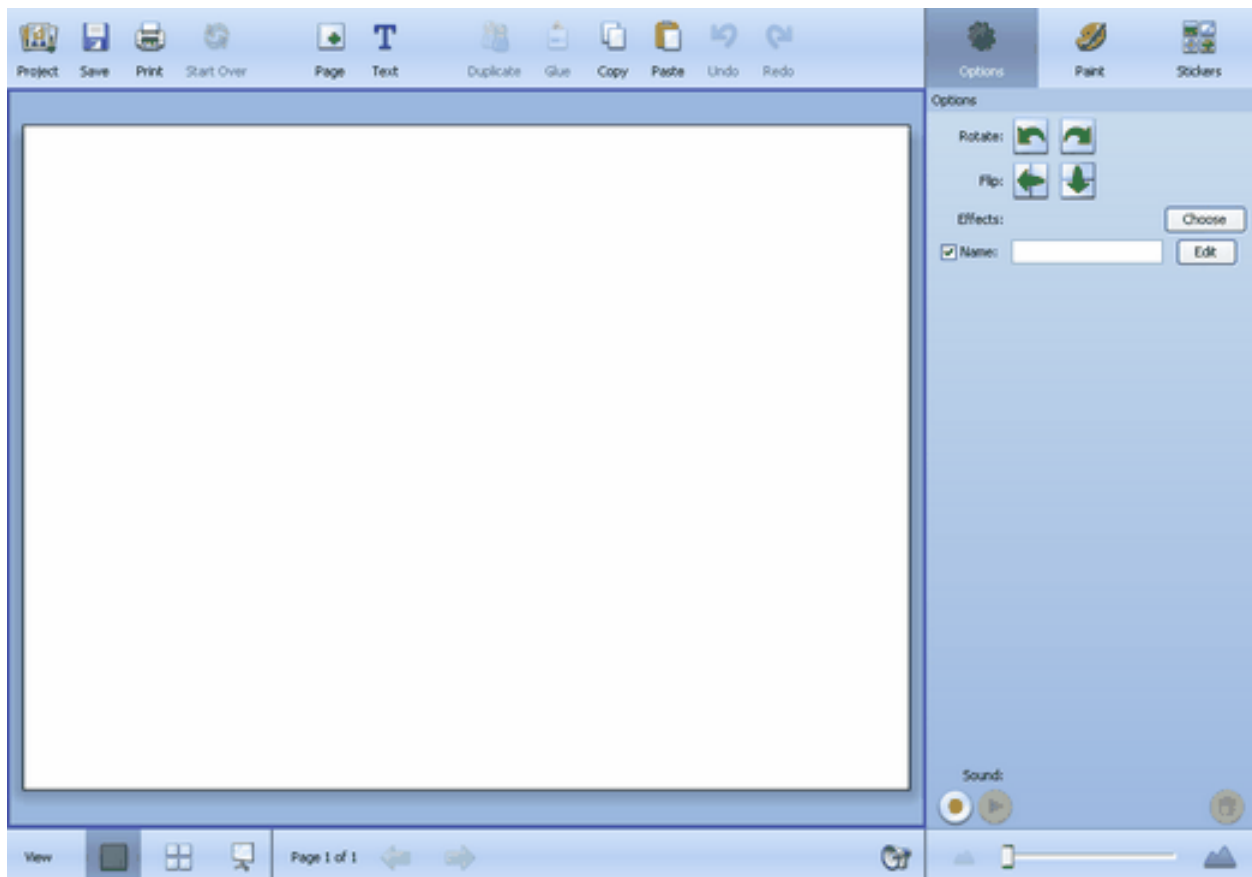
Launch Pixie.

Click the Start menu, select All Programs, select the Tech4Learning folder, select the Pixie 3 folder, and choose Pixie 3.



Pixie will open.

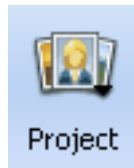
You will see a blank page.



Open an Activity

You can use Activities to learn about common classroom topics.

Click the Project button on the toolbar.

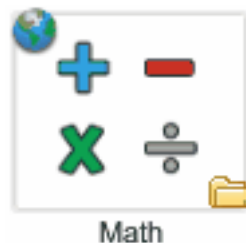


Move the cursor over the Activities option in the list on the left.

You will see the Activities folders.



Click the Math folder to open it.



You will see the Math topics folders.

Click the Numbers and Operations folder to open it.



Click the Numbers folder to open it.



Click the Skip Count Dot-to-Dot activity to open it.



The Skip Count Dot-to-Dot activity will open.

Use the Shape Tool

You can use the Shape tool to draw straight lines to complete the barn.

Click the Paint button on the toolbar.

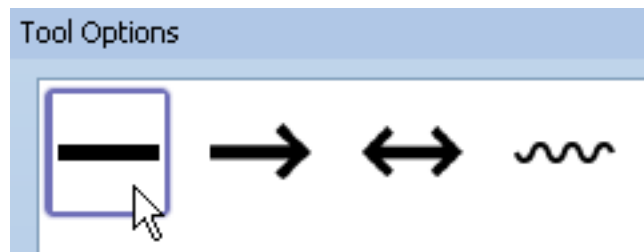


You will see the paint tools in the panel.

Click the Shape button on the tool palette.



Click the line in the tool Options.



Click and drag the Width slider to the right, so that the line is about as thick as the fence lines. You can see a preview to the right of the slider.



Move the cursor over the dot for the number 2.



Click and drag to the dot for number 4.

Release the mouse button. You will see the line.



Click the dot for the number 4 and drag to the dot for number 6.

Release the mouse button. You will see the line.

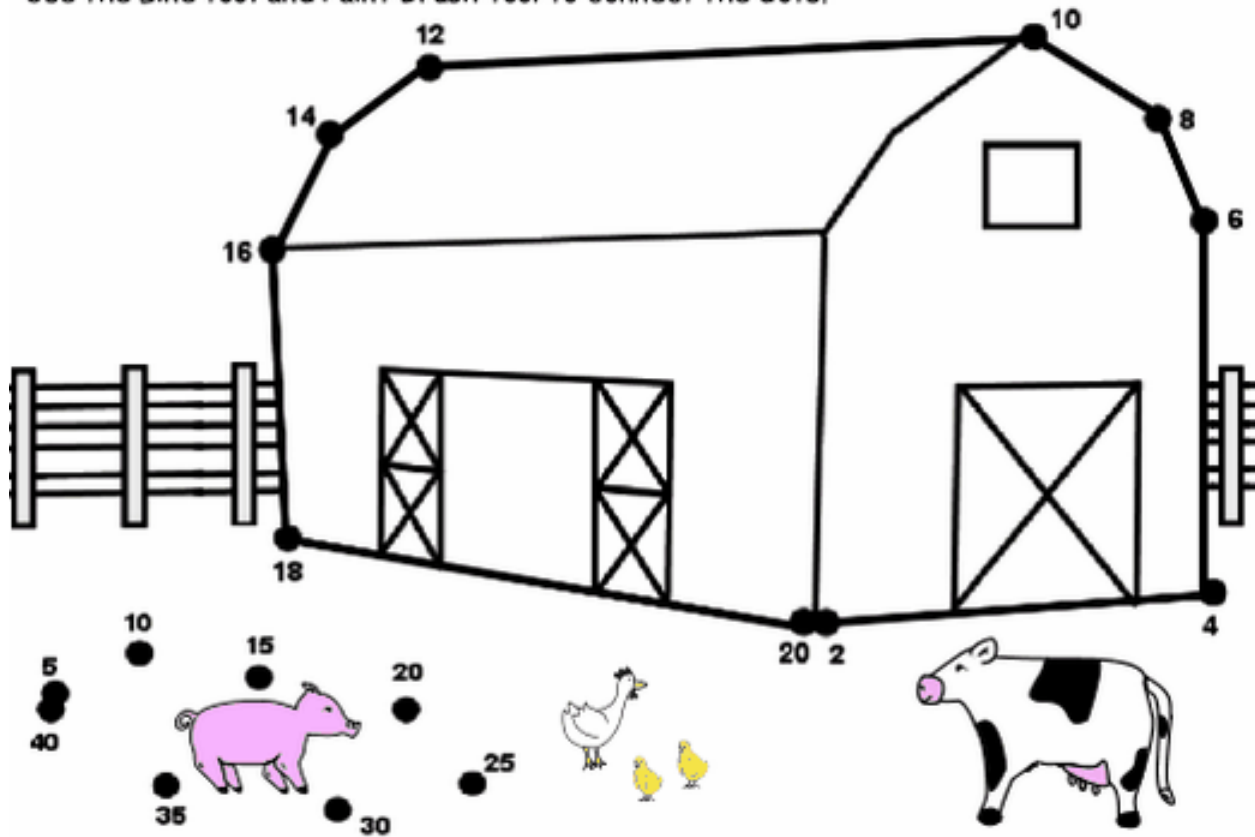
Click the Undo button the toolbar to try again.



Continue drawing lines to complete the barn.

Skip Count dot-to-dot

Use the Line tool and Paint Brush tool to connect the dots.



Use the Paint Brush Tool

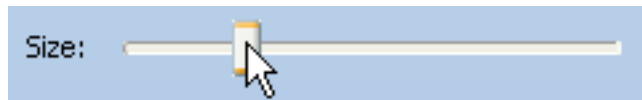
You can use the Paint Brush tool to complete the mud hole since it doesn't need straight lines.

Click the Paint Brush tool on the tool palette.

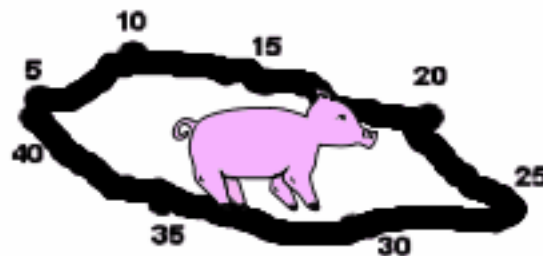


Click and drag the Size slider so that the brush is about the same width as one of the

dots around the mud hole.



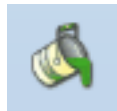
Move the cursor over the number 5. Click and drag the cursor through all of the numbers, counting by fives to complete the mud hole.



Use the Paint Bucket Tool

You can use the Paint Bucket tool to fill an area with color.

Click the Paint Bucket tool on the tool palette.

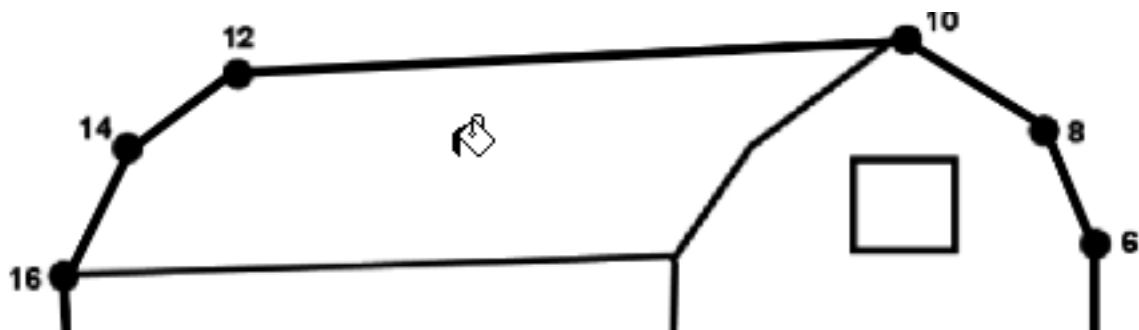


You will see the Paint Bucket options in the Paint panel.

Click black on the color palette.



Move your cursor over the middle of the barn roof.

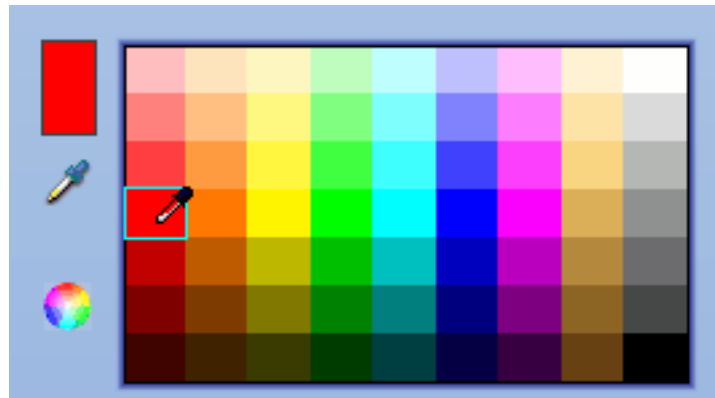


Click the mouse button.

The roof will fill with black.



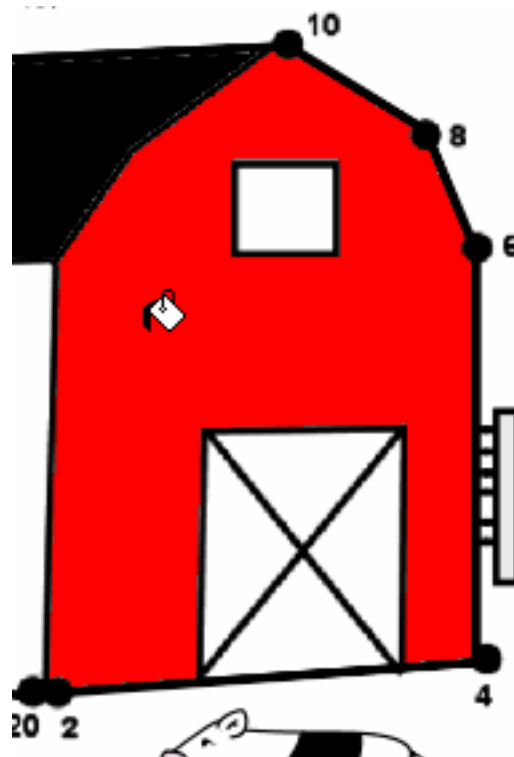
Click red on the color palette.



Move the cursor over the front of the barn.

Click the mouse button.

The barn will fill with red.

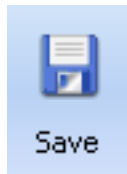


Click other colors on the color palette to fill the grass, fence, mud hole, sky, and doors.

Save

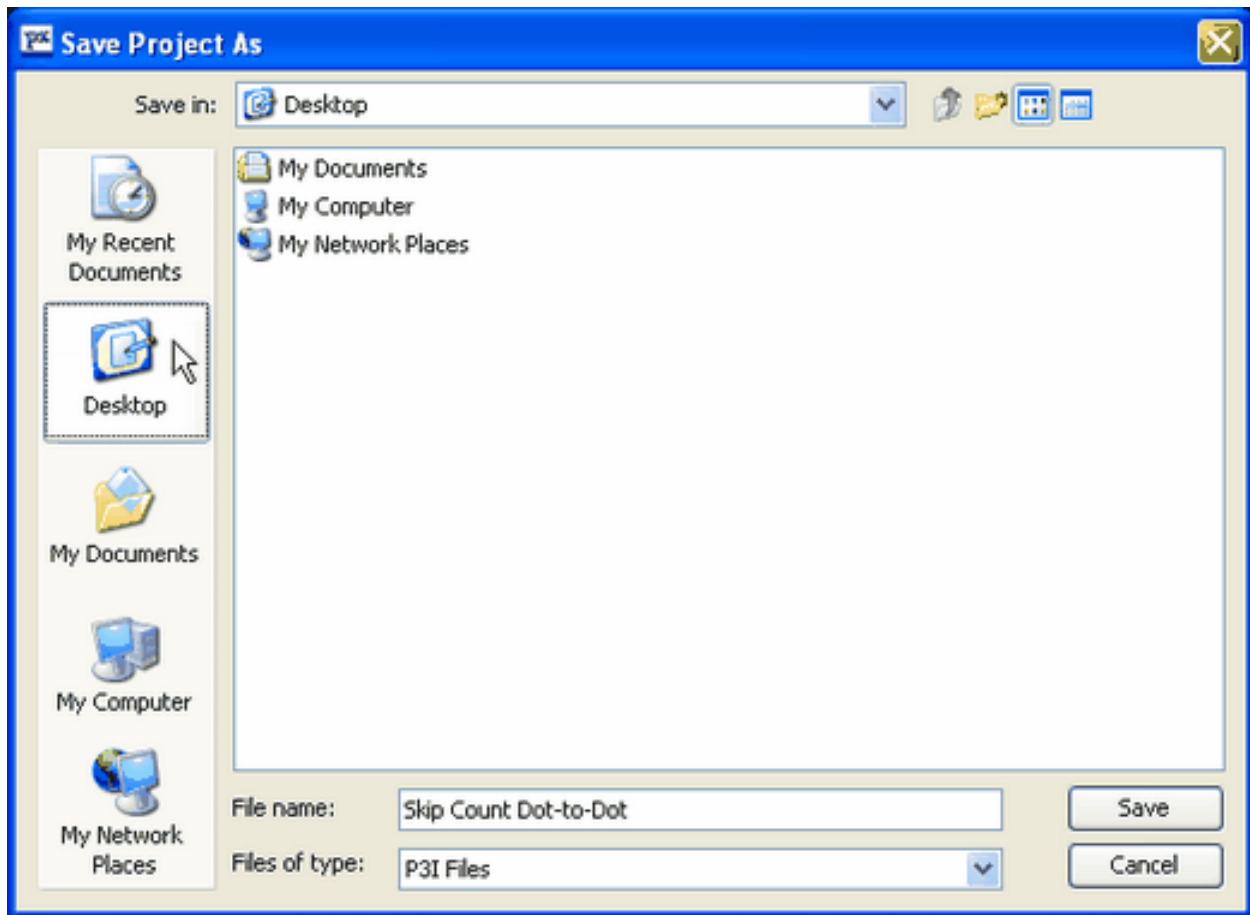
You can save this Pixie file.

Click the Save button on the toolbar.



You will see the Save Project As dialog.

Click the Desktop button on the left.

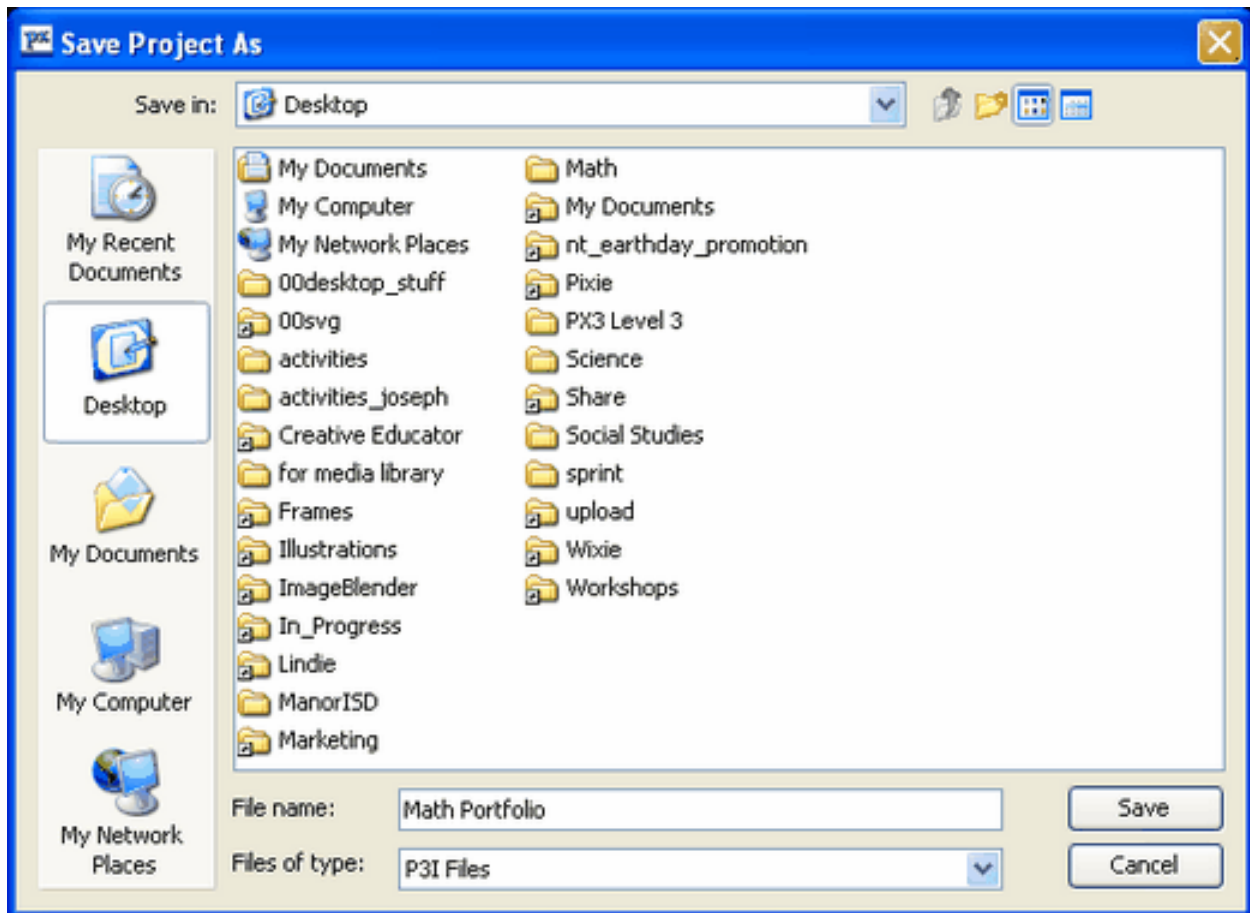


You will see the files on your Desktop.

Click the File name field.

Use the Delete and Backspace keys to delete the current name of the file.

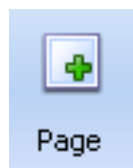
Type: Math Portfolio



Click the Save button.

Add a New Page

Click the Page button on the toolbar.

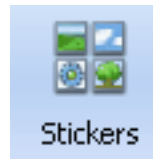


You will see a new blank page.

Add Stickers to a Page

You can add clip art to your page.

Click the Stickers button on the toolbar.



You will see the Stickers library.



Double-click the Animals folder.



You will see the folders in the Animals library.

Double-click the Pets folder.

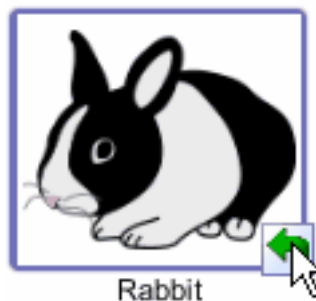


You will see the stickers in the Pets library.

Click and drag the scroll bar to find the picture of the black and white rabbit.

Click the picture to select it.

Click the green arrow button in the lower right corner of the sticker to add it to the page.



You will see the rabbit in the middle of the page.

Resize a Sticker

You can resize a sticker.

Move the cursor over one of the green handles on the corner of the sticker.

You will see the cursor change to two arrows.



Click and drag to resize the sticker.

Drag toward the middle of the sticker to make it smaller.

Drag away from the sticker to make it larger.

Move a Sticker

You can move a sticker to a new place on the page.

Move the cursor over the sticker.

You will see the cursor change to four arrows.



Click and drag the sticker to the top left area of the page.

Release the mouse button.

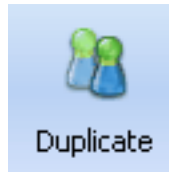
Duplicate a Sticker

You can duplicate a sticker. You will use the duplicate option to add four rabbits across

the top of the page.

The sticker is still selected and you will see green handles around it.

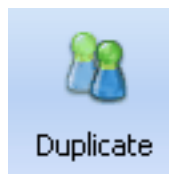
Click the Duplicate button on the toolbar.



Move the cursor over the middle of the rabbit.

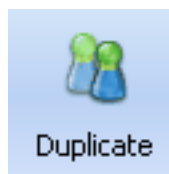
Click and drag the new copy to the right of the first rabbit.

Click the Duplicate button again.



Click and drag the new copy to the right of the second rabbit.

Click the Duplicate button again.



Click and drag the new copy to the right of the third rabbit.

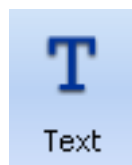
You will now have four rabbits across the top of the page.



Add a Text Object

You can add text to a page.

Click the Text button on the toolbar.

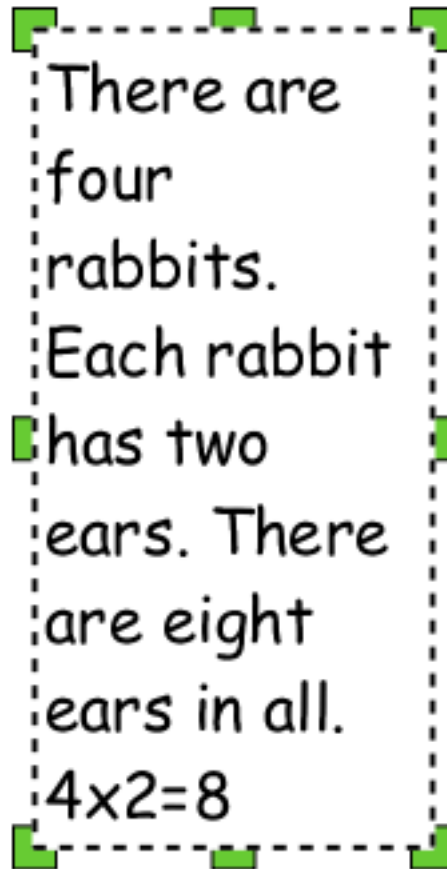


You will see a text object in the middle of the page.

Type number sentences about the rabbits.

For example: There are four rabbits. Each rabbit has two ears. There are eight ears in all. $4 \times 2 = 8$

You will see the text in the text object.

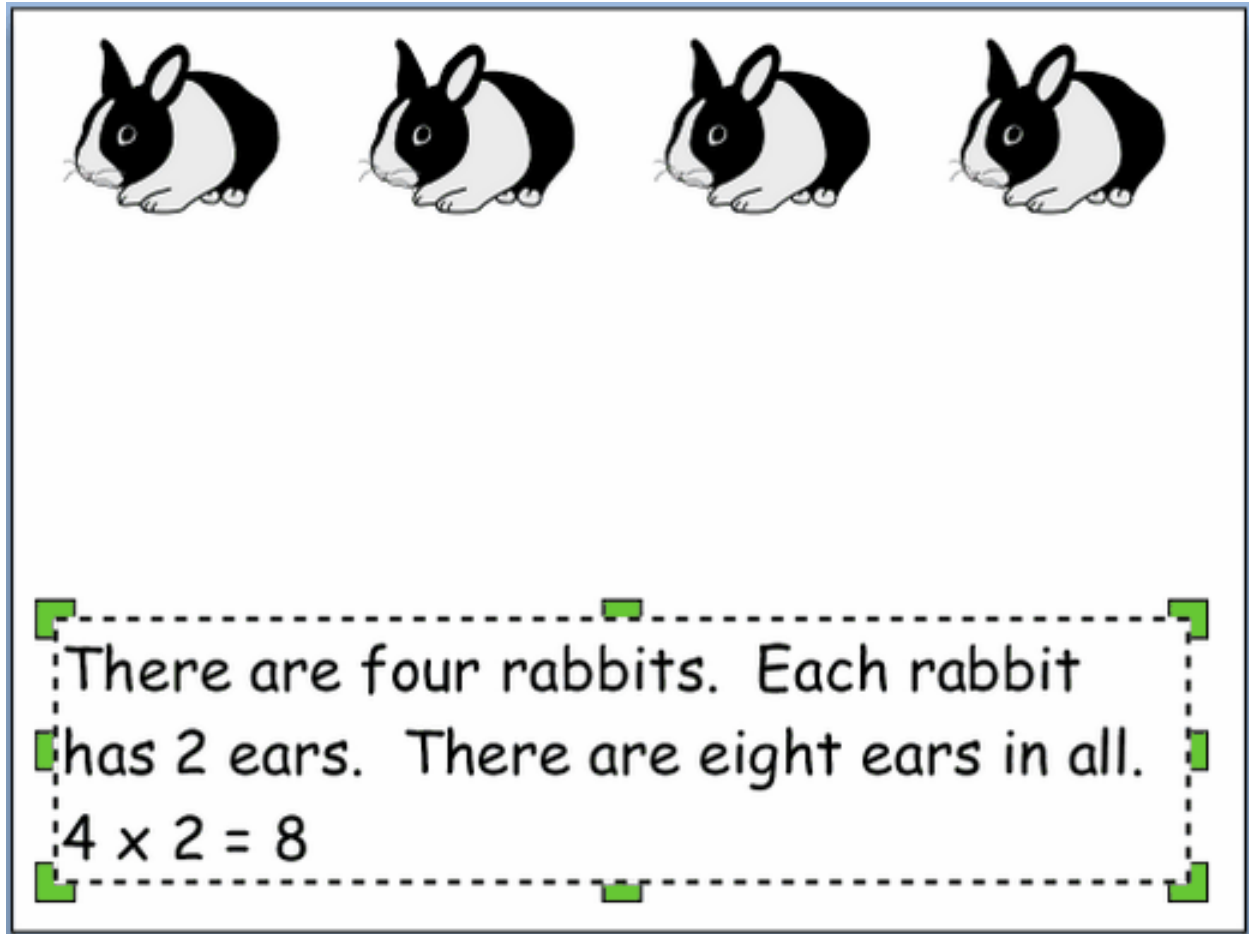


Move the cursor over one of the green handles. It will change to two arrows.



Click and drag to make the text box stretch from one side of the page to another. You can drag more than one handle to change the size.

If you make the text box larger, the size of the text will scale to fit the new size and shape of the box.



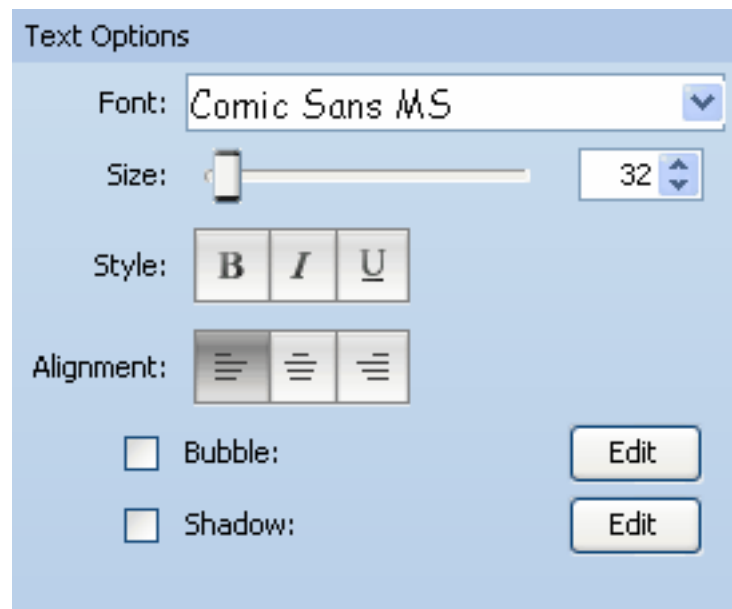
Click the page outside of the text object.

Format a Text Object

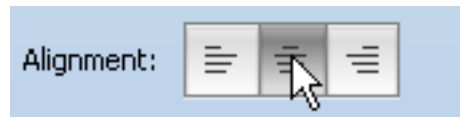
You can change how the text in the text object looks.

Click the text object one time. You will not see a blinking cursor.


You will see text options in the Options panel.



Click the Center button in the Alignment area.



You will see the text change.



There are four rabbits. Each rabbit has 2 ears. There are eight ears in all.

$$4 \times 2 = 8$$

Move the cursor over the middle of the text object.

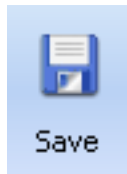
The cursor will change to four arrows.



Click and drag to move the text object to a new place on the page.

Save

Click the Save button on the toolbar.



Click the Page button on the toolbar.



You will see a new blank page.

Use the Spray Tool

You can use the Spray tool to paint a line of pictures.

Click the Paint button on the toolbar.

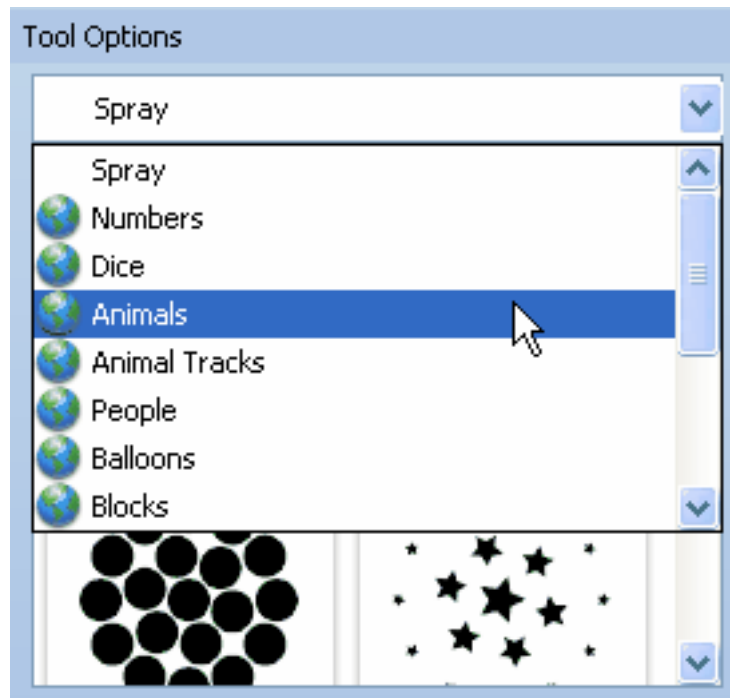


Click the Spray tool.



You will see options for the Spray tool in the panel.

Use the pull-down menu at the top to choose Animals if another category is showing.



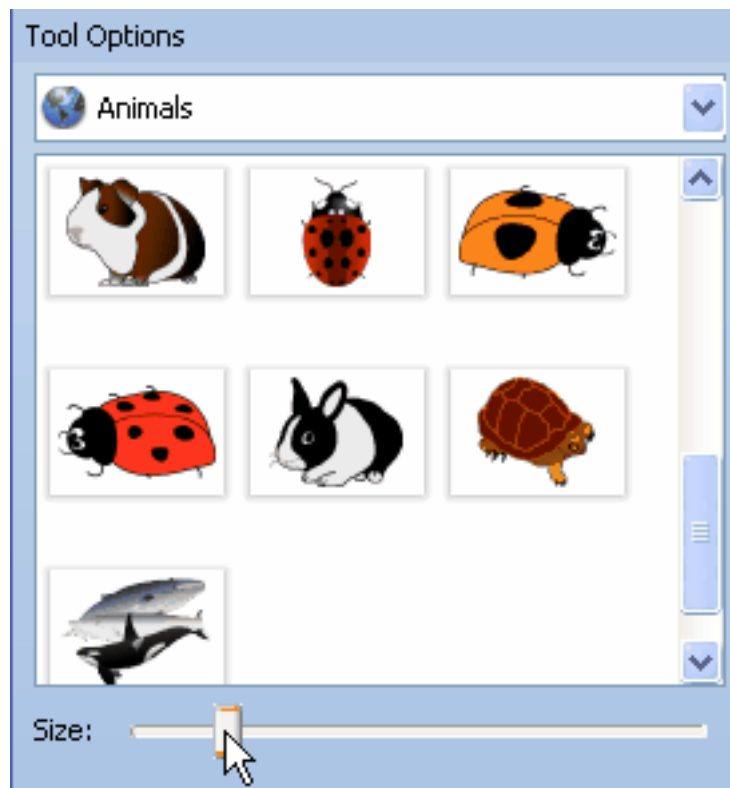
Click and drag the scroll bar until you see the lady bug.

Click the lady bug to select it.



Ladybug

Click and drag the Size slider so that you can see three shapes on one line.



Move the cursor near the bottom left corner of the page.

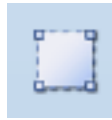
Click and drag from the left to the right to spray 8 ladybugs across the page.



Select an Area of the Page

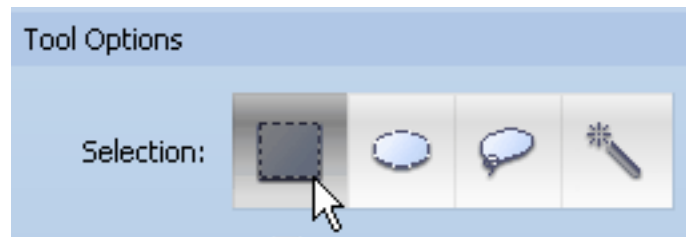
You can use the Selection tool to select an area of the page.

Click the Selection tool on the tool palette.



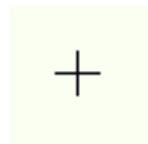
You will see the selection options in the Paint panel.

Choose the Rectangle selection option.



Move the cursor over the page.

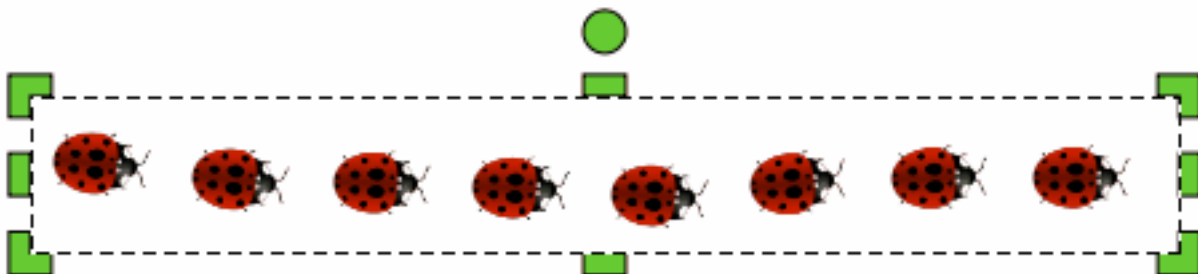
It will change to a crosshair.



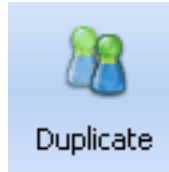
Click and drag diagonally up and across the ladybugs to the right side of the page so that all of the ladybugs are selected.

Let go of the mouse button.

You will see green handles around the selection.



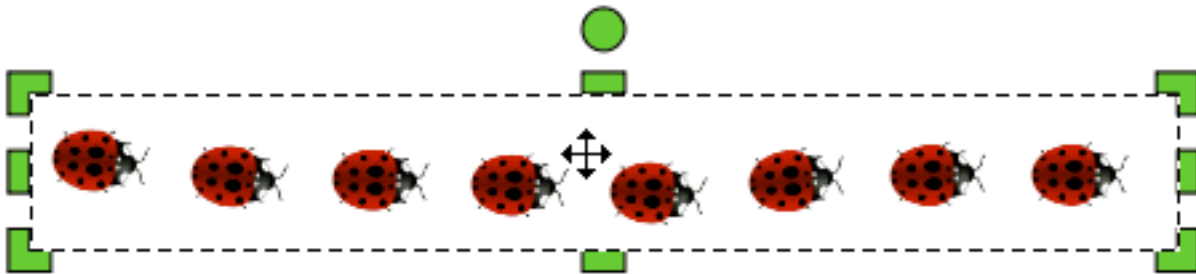
Click the Duplicate button on the toolbar.



You will see a copy of the ladybugs.

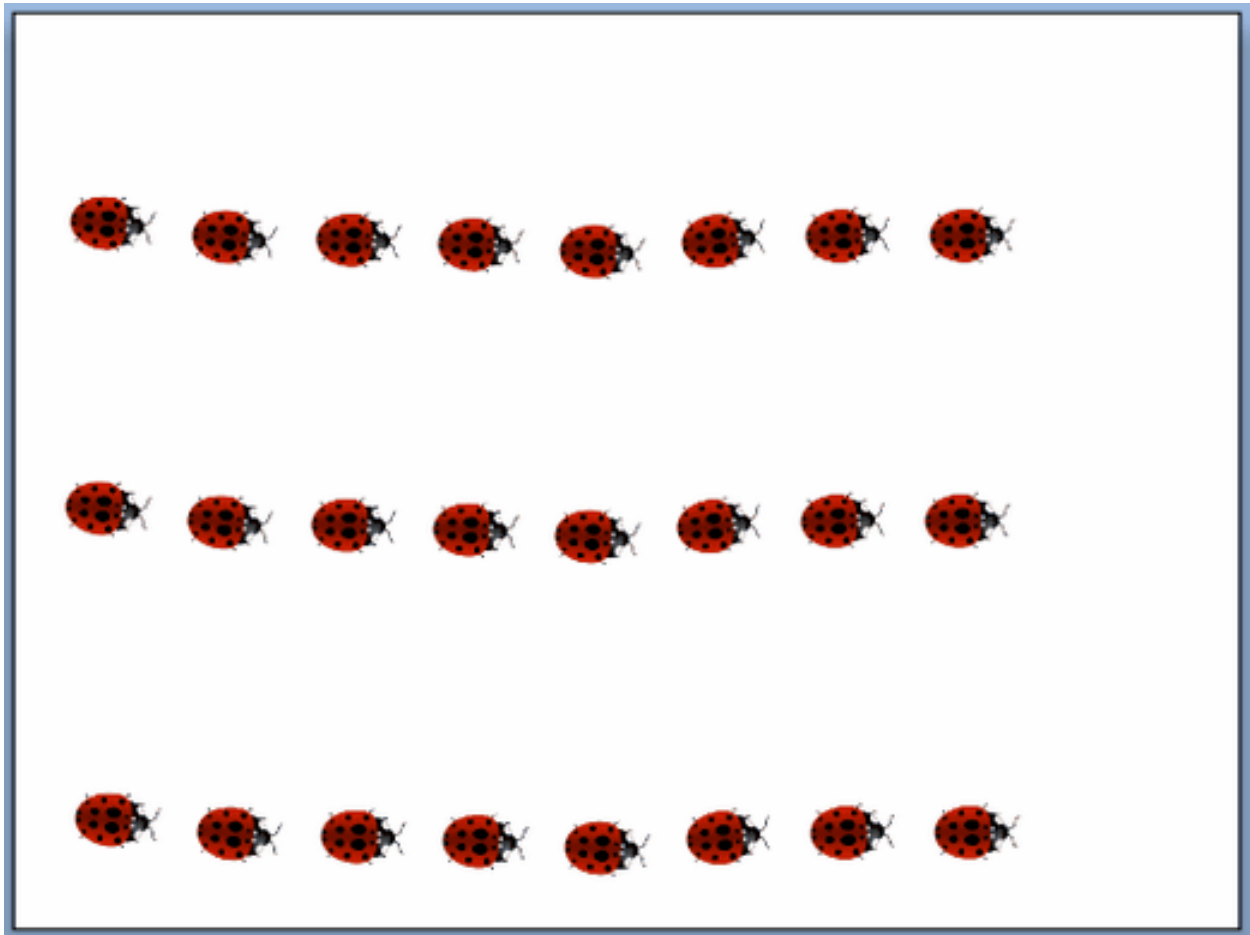
Move the cursor over the middle of the selected area.

The cursor will change to four arrows.



Click and drag the row of ladybugs to the middle of the page.

Use the skills you have learned to duplicate this selection again to add a third row of ladybugs to the top of the page.



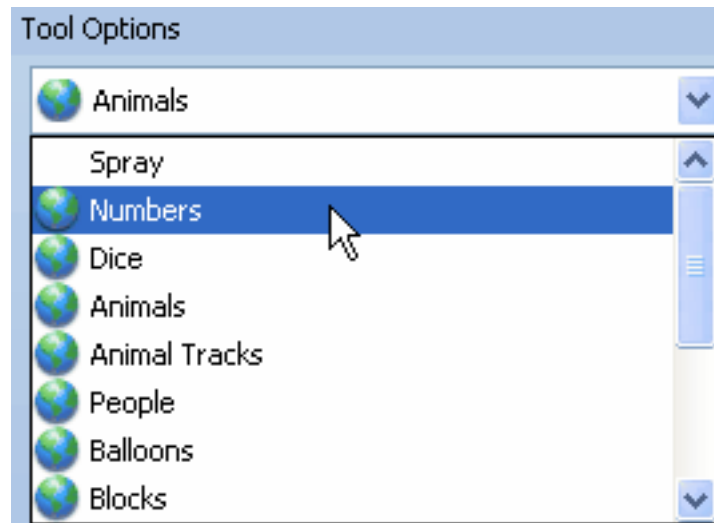
Continue to Use the Spray Tool

Click the Spray tool on the tool palette.



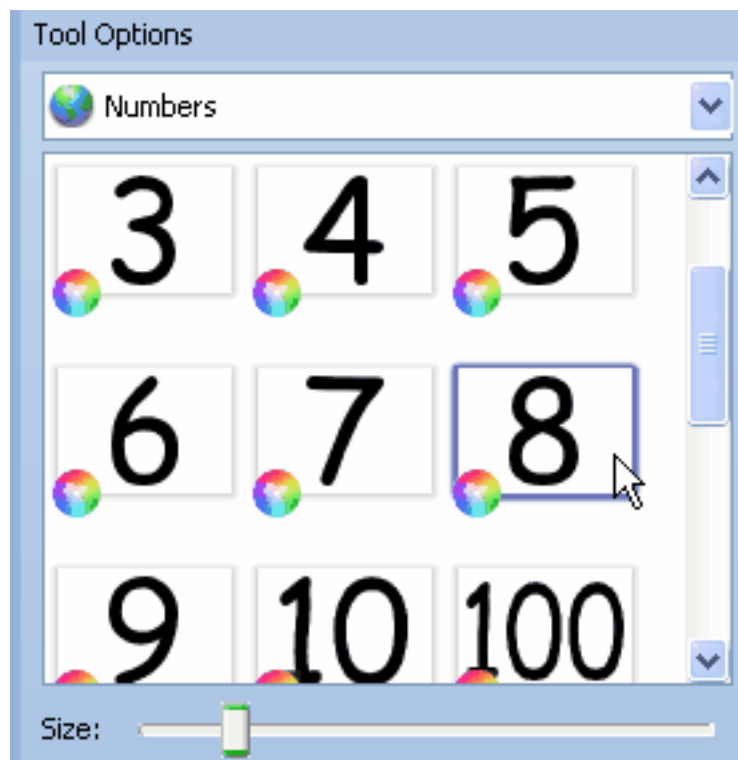
You will see options for the Spray tool in the Paint panel.

Use the pull-down menu at the top to choose Numbers.



Click and drag the Size slider so that you can see three number shapes on each line of the preview.

Click the number 8 in the window.

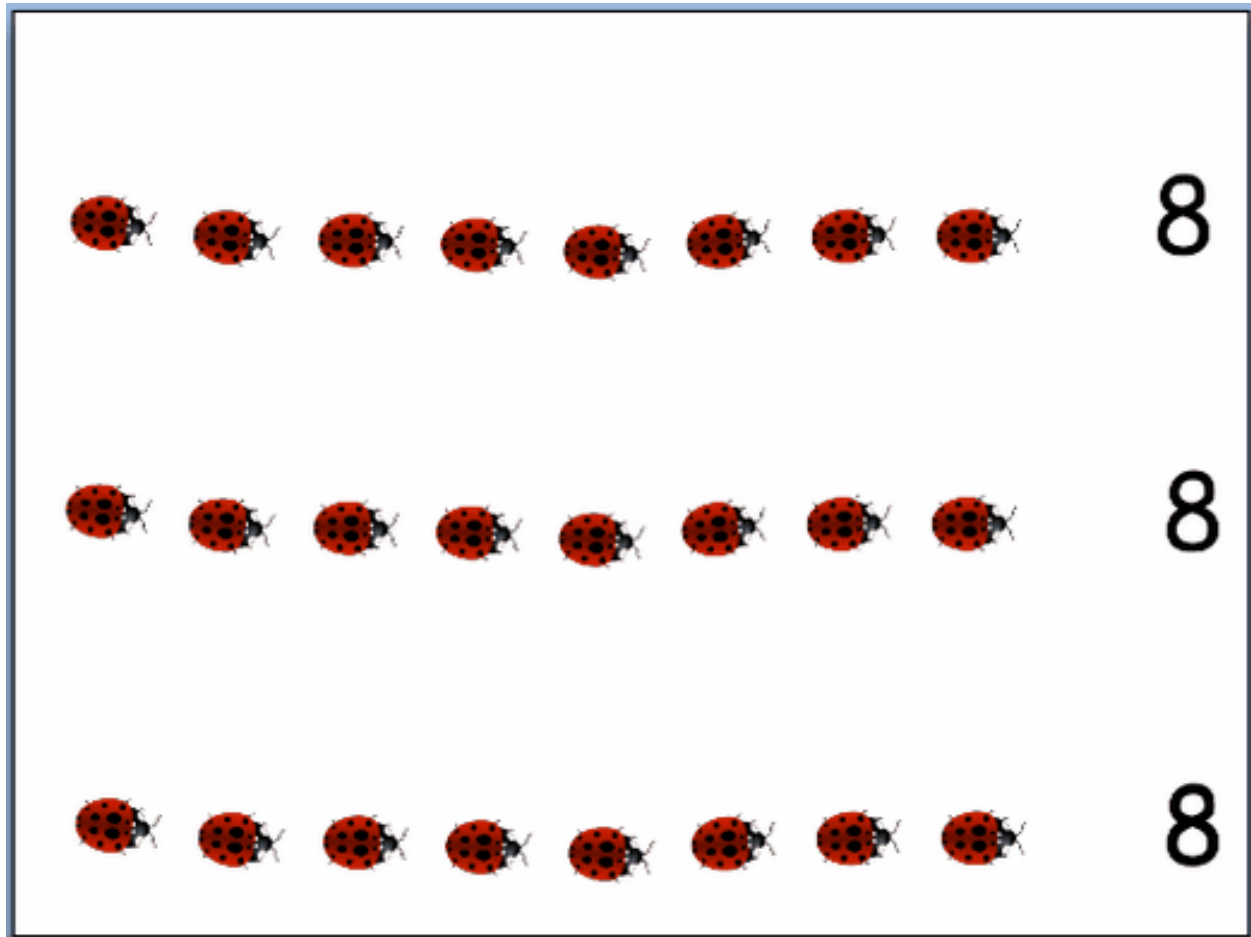


Click black on the color palette.



Move the cursor over the page.

Click the mouse button to stamp the letter 8 at the far right side of the page, next to each row of ladybugs.



Click and drag the scroll bar in the Paint panel to find the equals (=) sign.

Click the equals sign to select it.

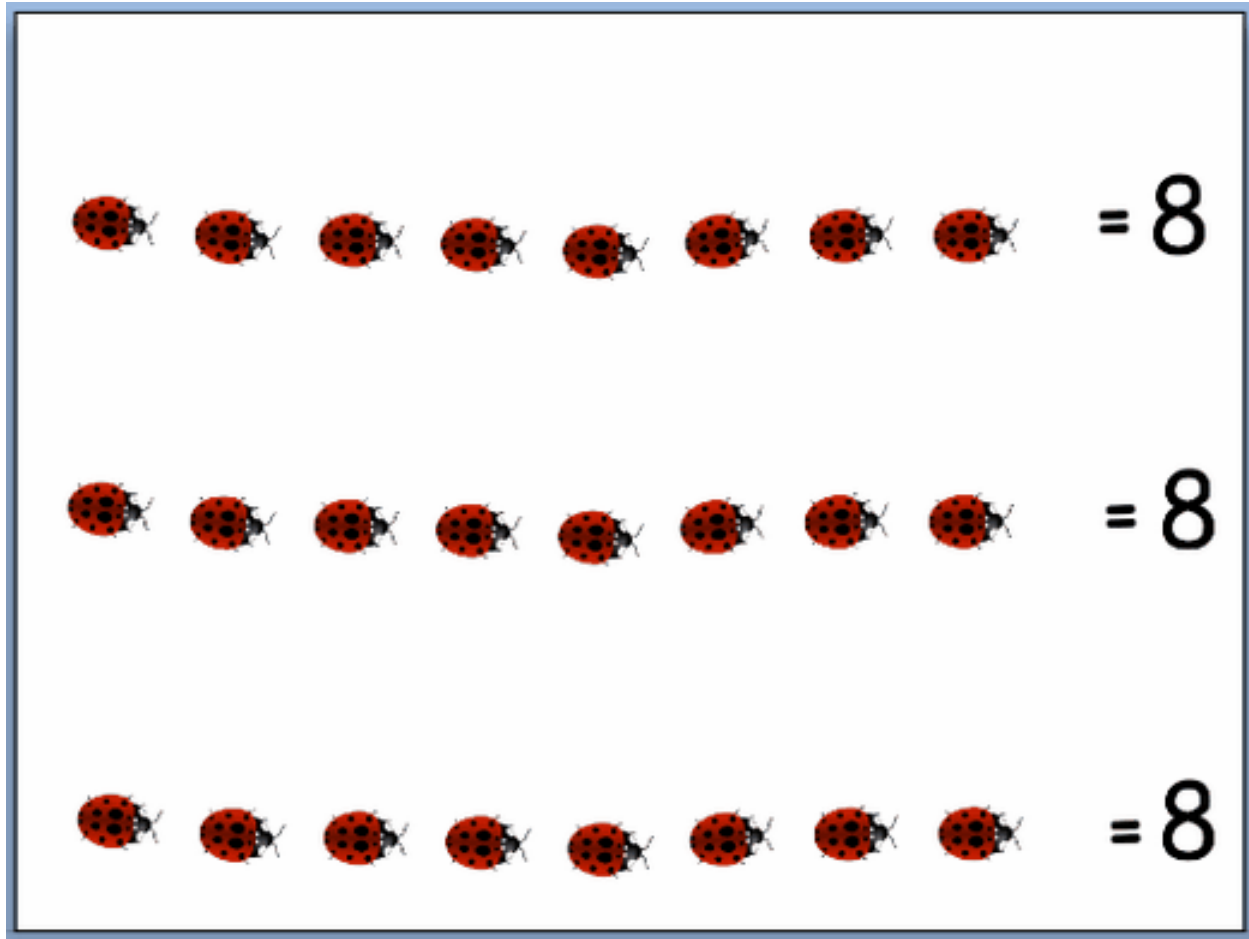


Move the cursor over the page.

The cursor will change to the equals sign.

Move the cursor to the left of each number 8 and click the mouse to stamp the equals

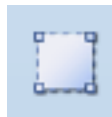
sign.



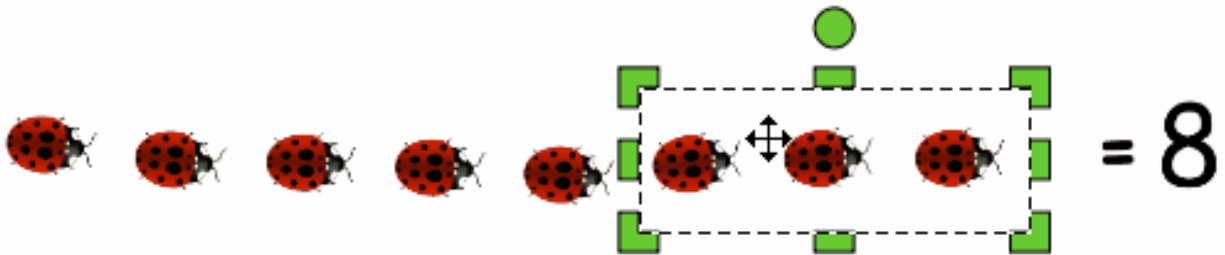
Work with the Tools

You will now use the Selection tool and Stamp tool to demonstrate the commutative property of addition.

Click the Selection tool on the tool palette.



Click and drag to draw a box around the last three ladybugs in the middle row.



Move the cursor over the middle of the selection.

Click and drag the selected group of ladybugs next to the equals sign.

Click the page away from the selection.

This will visually show that a group of five and a group of three equals eight.



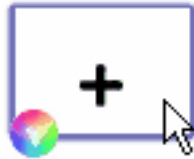
Click the Spray tool from the options.



You will see the Spray options in the panel.

Use the pull-down menu at the top to choose Numbers.

Scroll down to find the plus (+) sign and click it.



Spray a plus (+) sign between the group of five ladybugs and the group of three ladybugs.

Click the 5 in the tool Options for the spray can.

Move the cursor over the group of five ladybugs and click the mouse to spray 5.

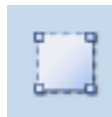
Click the 3 in the Paint panel.

Move the cursor over the group of three ladybugs and click the mouse to spray 3.



Practice these skills on the ladybugs in the bottom row. This time, show that the addends can be in different places, so that the equation reads $3 + 5 = 8$.

Click the Selection tool on the tool palette.



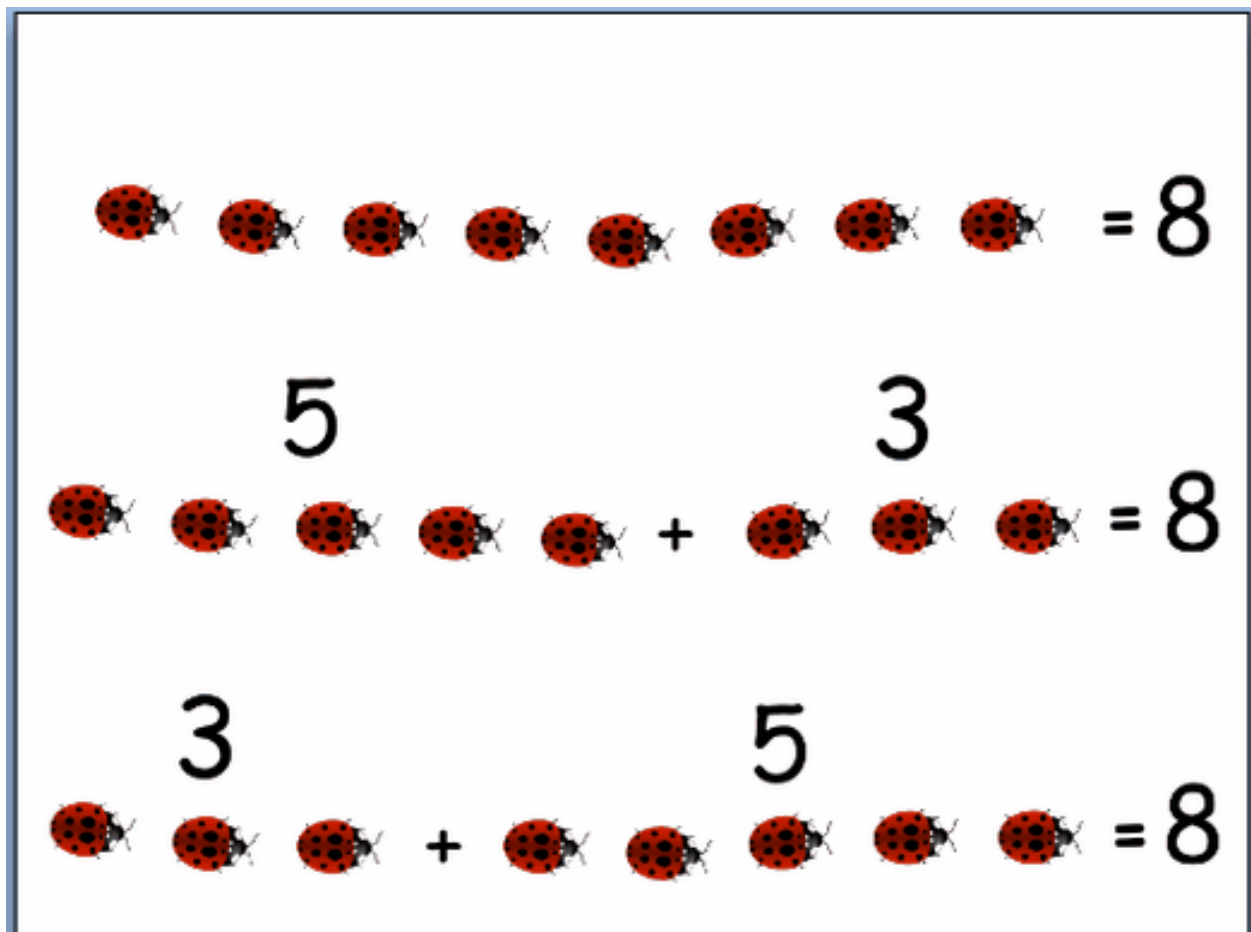
Click and drag to draw a box around the last five ladybugs in the bottom row.

Move the cursor over the middle of the selection and drag so that the group of five is next to the equals sign.



Use the Spray tool to add a plus (+) symbol and the addends (3 and 5) to this equation.

You may also want to use the Selection tool to center the group of ladybugs at the top.



Record Narration

You can add narration to a page to explain your work.

Use your computer's built-in microphone or plug a microphone into your computer's microphone port. Make sure the computer is set to record sound from the microphone and that the recording volume is turned up.

Click the Arrow tool on the tool palette.



You will see the sound options at the bottom of the Options panel.

Click the red Record button.



Pixie will start recording sound immediately.

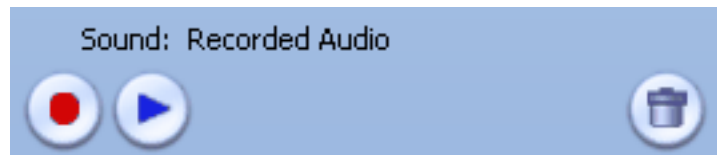
Speak clearly into the microphone.

Record a sentence about addition.

Click the green Stop button to stop recording.



You will see a note in this area showing that a sound has been recorded.



Practice Your Skills

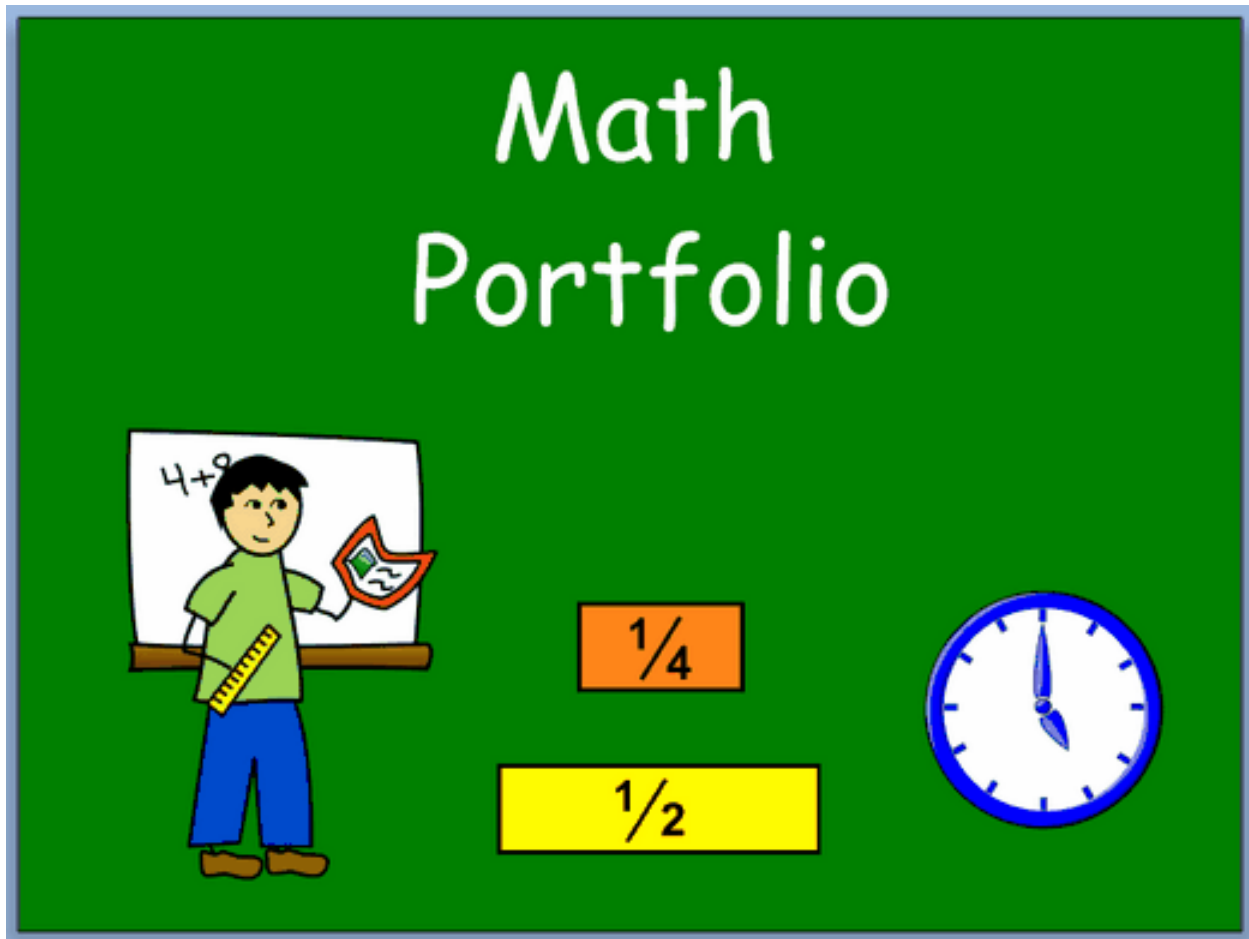
Click the Page button on the toolbar.



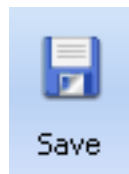
You will see a new blank page.

You have now learned how to add and format text, add and resize stickers, use the paint tools, and save.

Use these skills to create a title page for a math project portfolio.



When you are finished creating the page, click the Save button on the toolbar.



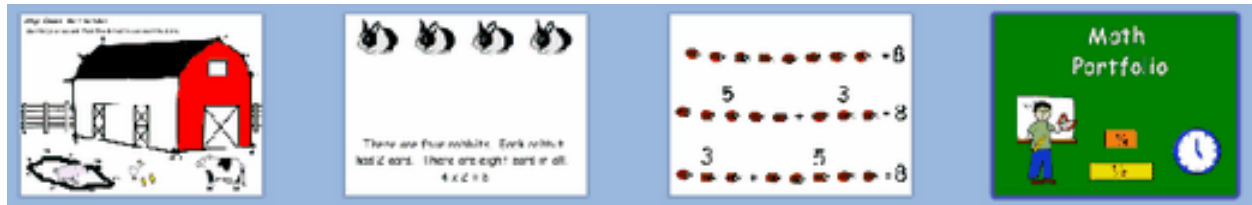
Change the Order of Pages

You can change the order of pages.

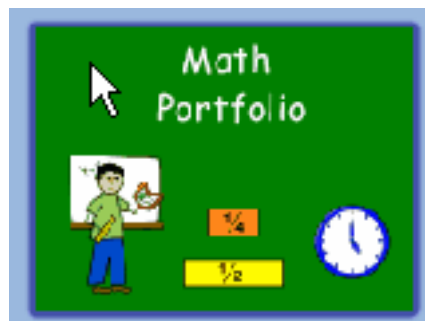
Click the View all pages button on the bottom of the screen.



You will see a storyboard of the pages in this project.



Move the cursor over the title page.



Click and drag this page to the first position.

Release the mouse button.

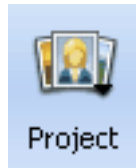
The title page will now be in the first position.



Create an HTML Portfolio

You can publish your pages to HTML so you can show them to anyone using a Web browser.

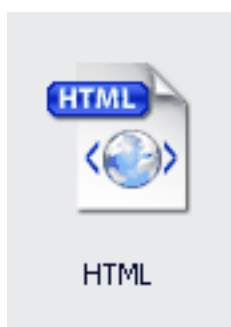
Click the Project button.



Move the cursor over the Export option in the list.

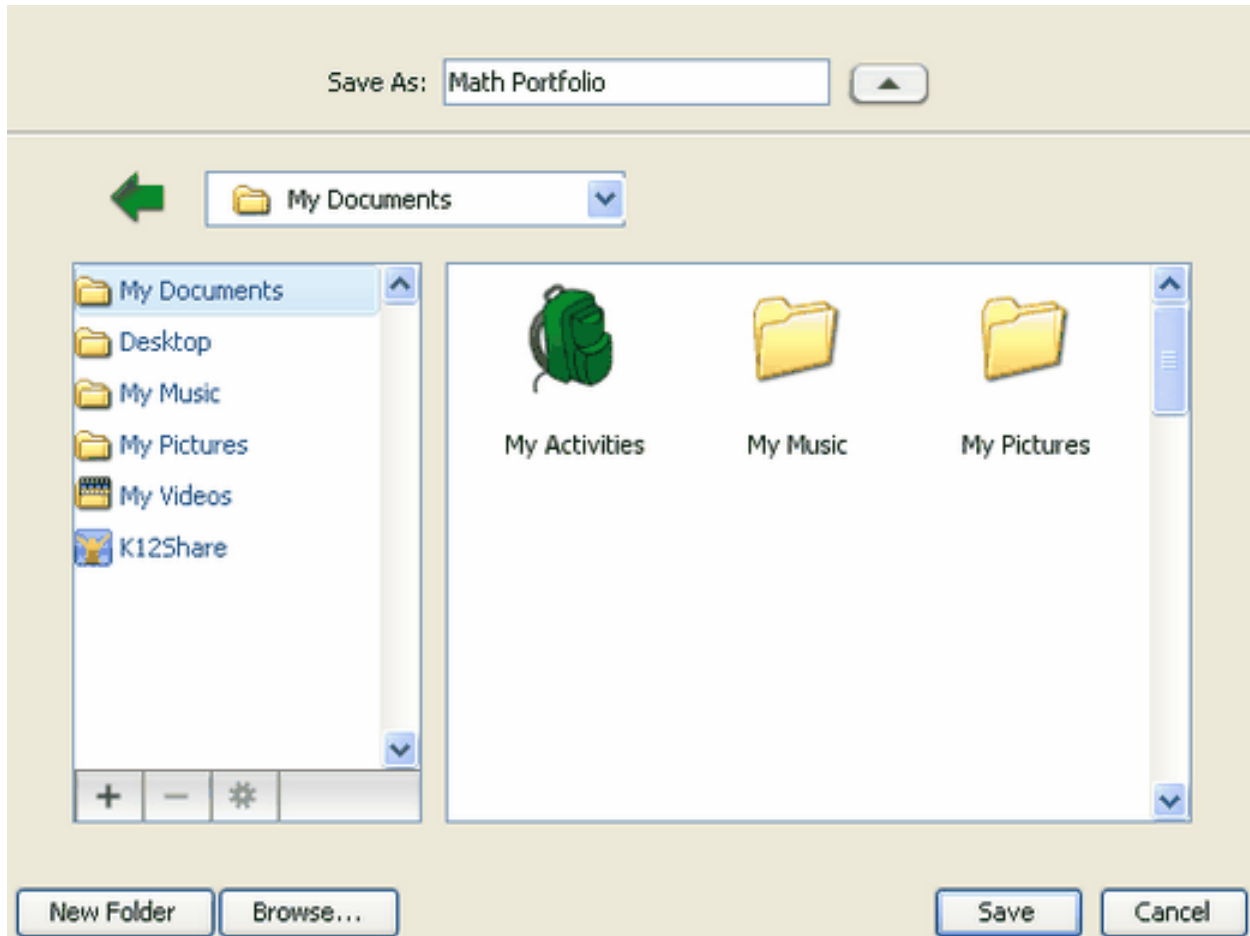


Click the HTML option.



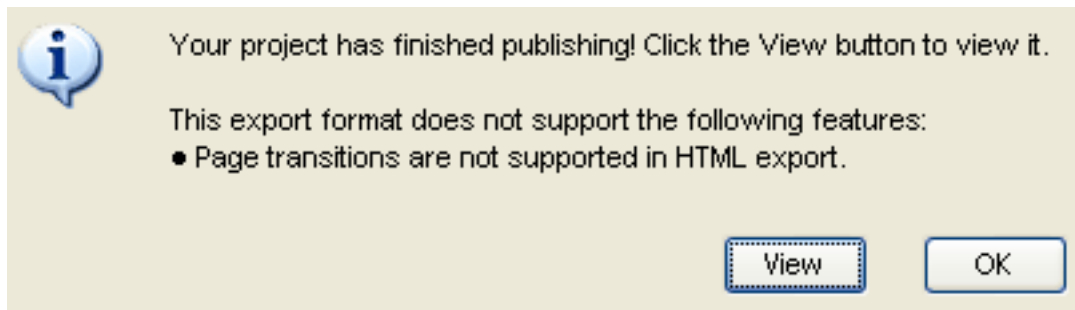
You will see the Export dialog.

Choose a place to save the project.



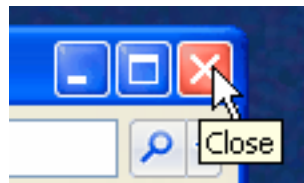
Click the Save button.

When the site has been publishing, you will see the Finished Publishing dialog.



Click the View button to view your site.

Click the Close button on the browser window to close it.



Click the Pixie application.

Go to the File menu and choose Exit.

Pixie will close.

Conclusion

Congratulations. You have learned to use many of the features in Pixie and have created an HTML portfolio of your work.

In this Recipe, you learned how to:

Open an Activity

Use the Shape Tool

Use the Paint Brush Tool

Use the Paint Bucket Tool

Save

Add a New Page

Add Stickers to a Page

Resize a Sticker

Move a Sticker

Duplicate a Sticker

Add a Text Object

Resize and Move a Text Object

Format a Text Object

Use the Spray Tool

Select an Area on the Page

Record Narration

Change the Order of Pages

Create an HTML Portfolio