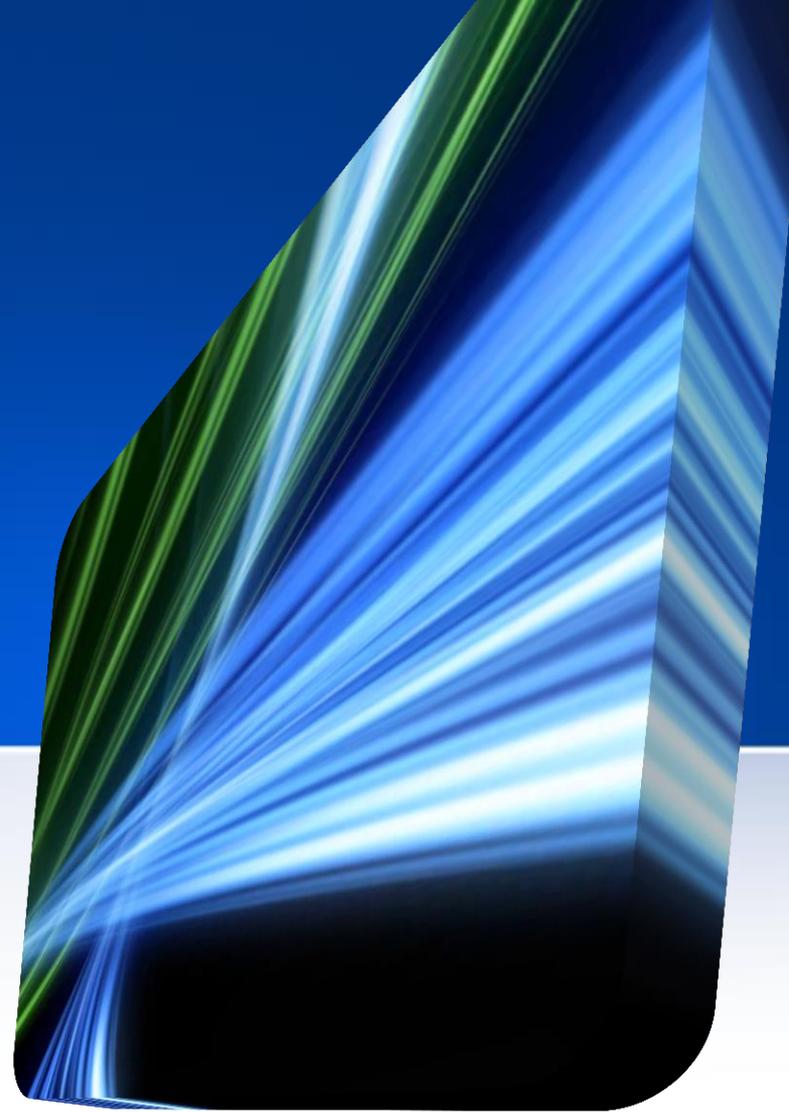


Infographics – *How to Create and Use Them in the Classroom*

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Sciences

2013 FCSTAT Professional Development Conference
July 29 – August 2, 2013
Dallas, Texas



Wireless Internet Connection



- Enable wireless connection.
- Choose **Meeting@Sheraton** wireless network.
- Once connected, launch your Internet browser.
- Choose the access code tab on the splash page.
- Enter in **sefo46**

Infographics



- What is an *infographic*?
 - An infographic is a visual representation of information, data, or knowledge intended to present complex information quickly and clearly.
 - Data that is sorted, arranged, and presented visually.
 - A data-rich visualization of a story or thesis.
 - A tool to educate and inform.

Infographics



AN INFOGRAPHIC IS

DATA

SORTED

ARRANGED

PRESENTED VISUALLY

PHOTOGRAPHY BY BRANDON ROSSEN PHOTOGRAPHY WWW.BRANDONROSSEN.COM @BRANDONROSSEN

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What is an Infographic?

How do I order online curriculum?

IT'S AS EASY AS 1, 2, 3!

The Curriculum Center for Family and Consumer Sciences
Box 41161, Lubbock, TX 79409
Phone: 806.742.3029 Fax: 806.742.3034 www.ccfs.org

Step 1: Select Courses

FOR ASSISTANCE CALL
806.742.3029

Decide which online curriculum you would like to purchase. A FREE preview is available for each course. Look at it and use it. Then you'll see why subscribers love it. Go to the Web site listed on the right, select the course in which you are interested, and the free section will be clearly marked.



<http://ccfs.tizrapublisher.com>

Step 2: Submit Order

Download and complete an order form at
<http://www.depts.ttu.edu/hs/ccfs/orderinfo.php>



3 WAYS TO ORDER!

We accept school purchase orders, VISA, MasterCard, Discover, American Express and checks

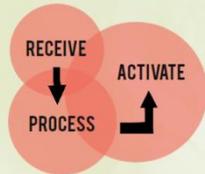
Call in your order at 806-742-3029 weekdays from 8:00 a.m. to 5:00 p.m.

Fax your order to 806-742-3034. 24 hours a day

Mail your order to The Curriculum Center, TTU, Box 41161, Lubbock, TX 79409

When ordering online curriculum, submit teacher name, email address, and course information along with payment.

Step 3: The Order is Processed and Activated



Once the order is received, it is reviewed and processed. An email will be sent directly to the teacher with a password, username, and an agreement that must be signed and returned to The Curriculum Center.

Once the signed agreement is received, the curriculum account will be activated. Another email will be sent to the teacher notifying him or her that the account has been activated.

Created by:



The Curriculum Center for Family and Consumer Sciences

Piktochart



The Curriculum Center for Family and Consumer Sciences

Online Curriculum

Everything you need to engage your students...

- TEKS-aligned teaching strategies
- PowerPoints
- Teaching aids
- Rubrics
- Links to quality Web sites and videos



Preview the curriculum for **FREE** at
<http://ccfs.tizrapublisher.com>

Hospitality & Tourism Courses

1 Principles of Hospitality and Tourism No. 1820

3 Culinary Arts No. 1814

2 Food Science No. 1815

4 Career Preparation I & II No. 1803

Get Your Subscription Today.

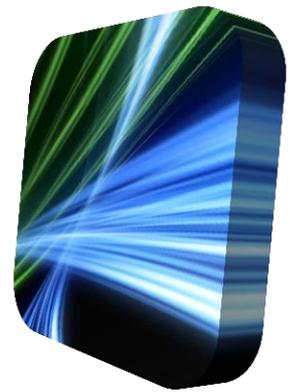
The Curriculum Center for Family and Consumer Sciences
Box 41161 - Lubbock, Texas 79409
Phone: 806-742-3029
Fax: 806-742-3034
www.ccfs.org



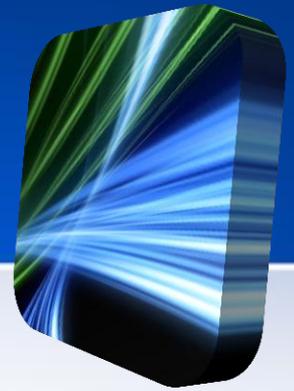
Scan the bar code for more information regarding online curriculum.



Piktochart



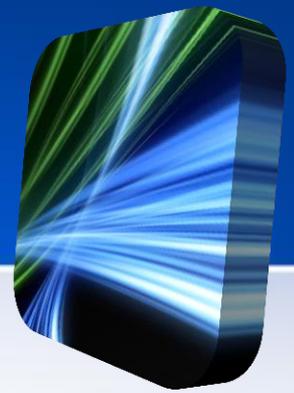
How to Use Infographics



Infographics can be used for:

- [Annual reports](#)
- [Resumés](#)
- [Research reports](#)
- [White papers](#)
- [Decision trees](#)
- [Maps](#)
- [Flow charts](#)
- [How-to guides](#)
- [Lists or rankings](#)
- [Advertising](#)
- [Explaining complex issues](#)
- Discussion starters

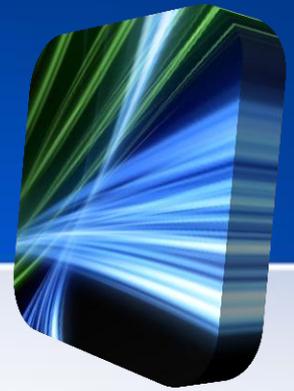
How to Use Infographics



Activity Example

- Divide the class into seven groups. Assign each group to explore the meaning for one of the colors on the Web site **The Meanings of Colors** <www.colormatters.com/color-symbolism/the-meanings-of-colors>.
- Instruct each group to use what they learned from the Web site to develop an original infographic. Have students briefly discuss the information. Display the completed infographics around the room.

How to Use Infographics



Activity Example

The information used in a traditional resumé can easily be turned into an eye-catching infographic. These resúmes can be especially effective for individuals in career fields where creativity is valued.

Have students go to the Pinterest board **Infographic Visual Resúmes** <<http://pinterest.com/rtkrum/infographic-visual-resumes/>> to look at examples of infographic resúmes. Instruct students to pick one they feel is the best and explain why.

How to Use Infographics



Activity Example Cont.

Questions for Discussion:

- What are the advantages of an infographic resumé?
- What are the disadvantages of an infographic resumé?
- What are the elements of a good infographic resumé?

Next, have students create their own infographic resumé using **Piktochart** <www.piktochart.com>.

Infographic Resources



- Infographics (a little bit of everything)

<http://www.schrockguide.net/infographics-as-an-assessment.html>

- Teachers First: Now I See!

<http://www.teachersfirst.com/iste/infographics/resources.cfm>

- Cool Infographics Gallery

<http://pinterest.com/rtkrum/cool-infographics-gallery/>

Creating an Infographic



- Determine the goal or goals for the infographic.
- Determine the audience and make it relevant to them.
- Use reliable and trustworthy data and sources.
 - Google – Search Education
www.google.com/insidesearch/searcheducation/index.html

Creating an Infographic



- Create a logical flow of information and keep it simple.
 - Title
 - Introduction
 - Body
- Make the main point the largest element.

Creating an Infographic



- Keep the type (font) fairly simple. Helvetica and Arial are always safe options.
- Use color wisely.
 - Use muted colors, like gray or tan, for the less important elements.
 - Use one or two bright colors as accent colors to direct or grab the reader's attention.

Infographic Tools



- [Piktochart](http://piktochart.com)
http://piktochart.com
- [Easel.ly](http://www.easel.ly)
(does not work with Internet Explorer)
http://www.easel.ly
- [Infogr.am](http://infogr.am)
http://infogr.am
- [Visual.ly](http://visual.ly)
http://visual.ly

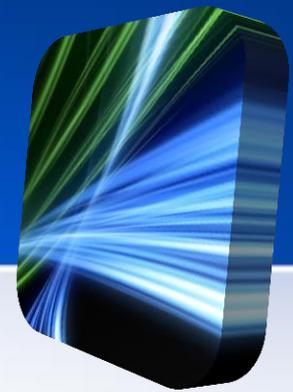
Infographic Tools



Piktochart

- www.piktochart.com
- Works best with Firefox, Chrome, or Safari
- Infographics can be:
 - Saved and downloaded as images
 - Published as a URL
 - Embedded in blogs and Web sites

How to Use Piktochart



Once you have logged in, select one of the available free themes.

The screenshot displays the Piktochart dashboard after a successful login. At the top, a yellow banner reads "Signed in successfully." Below this, there are two tabs: "Pikto Theme" and "My Saved Piktocharts". The main content area features a large teal banner for "Interactive Charts & Tabs" with a "GO PRO!" call to action and an "Upgrade Now" button. Below the banner, a section titled "Select one of the themes below to create an infographic..." includes a "Filter by category:" dropdown menu showing "110 themes available". A grid of five theme preview cards is shown, each with a "Pick Theme" button and a label below it:

- Regime**: A dark-themed infographic with the word "GOVERNMENT" at the top and "CONSECTETUR" at the bottom.
- Minimalist**: A light-themed infographic with a large "BIG TITLE HERE" and a "SUB-TITLE" below it.
- Flow 2**: A light-themed infographic with the title "FLOW THEME IN PIKTO" and a "SUB-HEADER HERE" below it.
- Texture**: A light-themed infographic with a "DATA TRANSFER" header and a bar chart.
- Web2.0**: A light-themed infographic with a "HEADER HERE" and a "SUB-HEADER HERE" below it.

How to Use Piktochart



The selected theme will load and you are ready to create an infographic.

The screenshot shows the Piktochart editor interface. At the top, there is a user profile 'heather.blount@ttu.edu', a 'View Tutorial' button, and menu options for 'File', 'Export', and 'Preview'. Below this, there are controls for 'Canvas Blocks' including 'Duplicate', '+ Add Block', '- Delete Block', a resolution dropdown set to '600px', and an 'Edit Layout' button. The main workspace displays a template with a red header containing a checklist icon and the text 'Double Click to Edit :)' and 'ENTER TITLE'. Below the header is a bar chart titled 'Paragraph Title 2. Information Comes In.' with a y-axis labeled 'Sales, \$' ranging from 0 to 60 and an x-axis labeled 'Months' with categories 'Jan', 'Feb', 'Mar', and 'Apr'. The chart shows alternating yellow and brown bars. Below the chart is a text block with the same title and a note: 'You might also want to hold on to the SHIFT key as you resize an image or SVG as that keeps the ratio.' At the bottom of the workspace, there are two more text blocks with the title 'Paragraph Title 2. Information Comes In.' and sub-headers '4:1 Designs' and 'Why and how?'. The bottom of the interface features a toolbar with various icons for editing and design.

Month	Sales (\$)
Jan	12
Jan	24
Jan	36
Jan	48
Feb	36
Feb	48
Feb	60
Feb	48
Feb	36
Mar	24
Mar	12
Mar	48
Apr	36
Apr	24
Apr	36
Apr	60

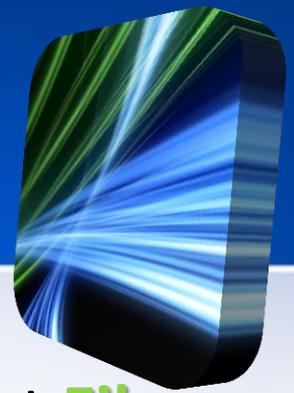
How to Use Piktochart



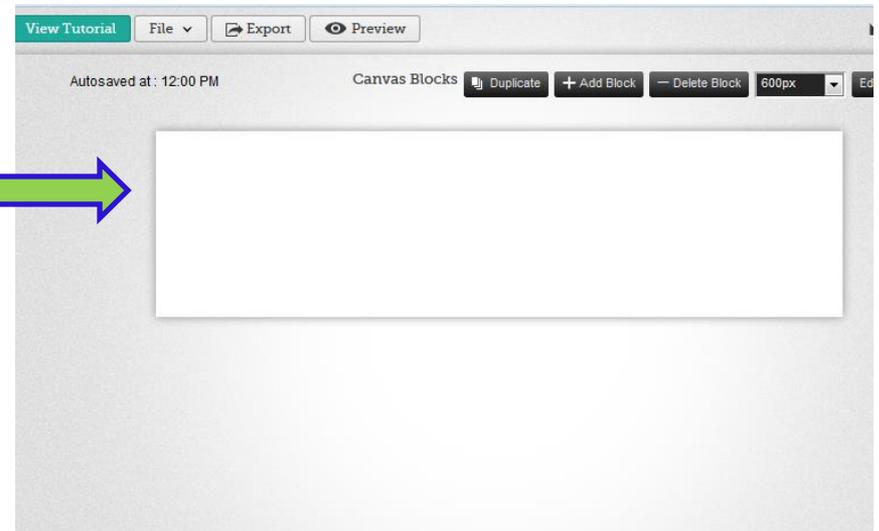
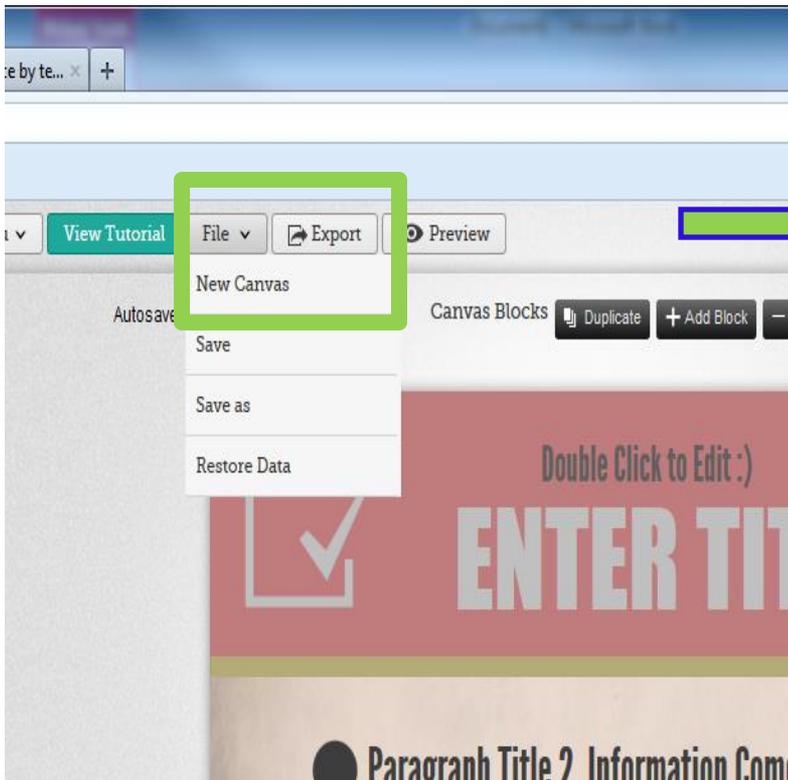
If you decide you would like to change the theme, click on your account name and select **Themes page**. You will be able to select a new theme.

The screenshot shows the Piktochart editor interface in a Firefox browser. The address bar displays <https://magic.piktochart.com/editor/106>. The top navigation bar includes a user profile dropdown for 'heather.blount@ttu.edu', a 'View Tutorial' button, a 'File' menu, an 'Export' button, and a 'Preview' button. Below the navigation bar, the text 'Autosaved at: 11:25 AM' and 'Canvas Blocks Duplicate' are visible. The user profile dropdown menu is open, showing options: 'My Profile', 'Themes page' (highlighted with a green box), 'Saved Piktocharts', 'Help', 'Contact Piktochart Team', and 'Log out'. On the left side, there are social media icons for Facebook, Twitter, Google+, and Pinterest. The main canvas area shows a red header with a calendar icon and the text 'Double Click ENTER', and a paragraph block titled 'Paragraph Title 2. Inform' with a bar chart below it.

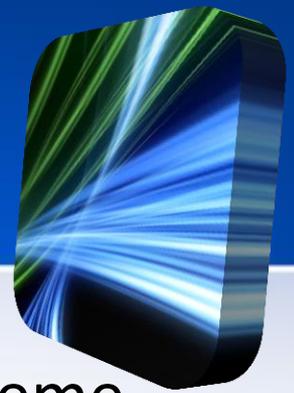
How to Use Piktochart



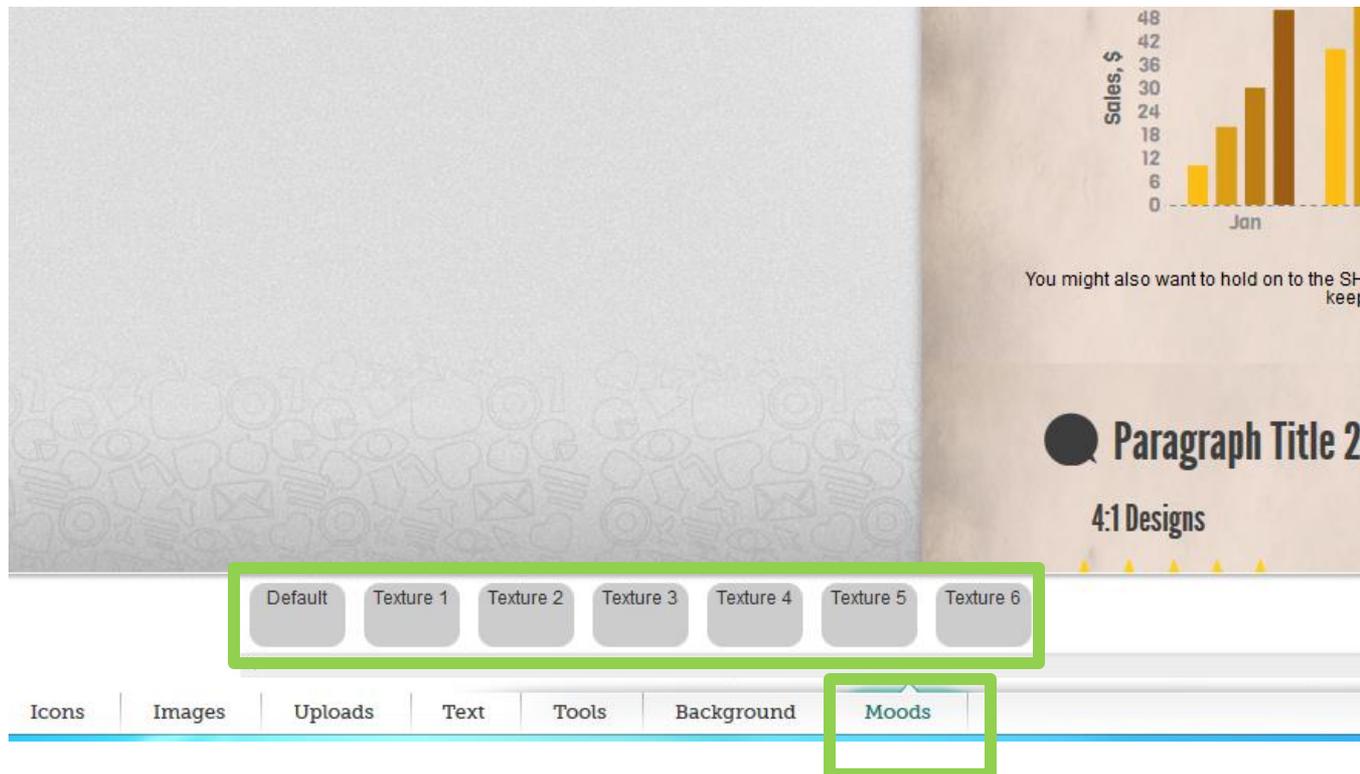
If you would like to start with a blank template, select **File**, **New Canvas** and then **Ok**.



How to Use Piktochart



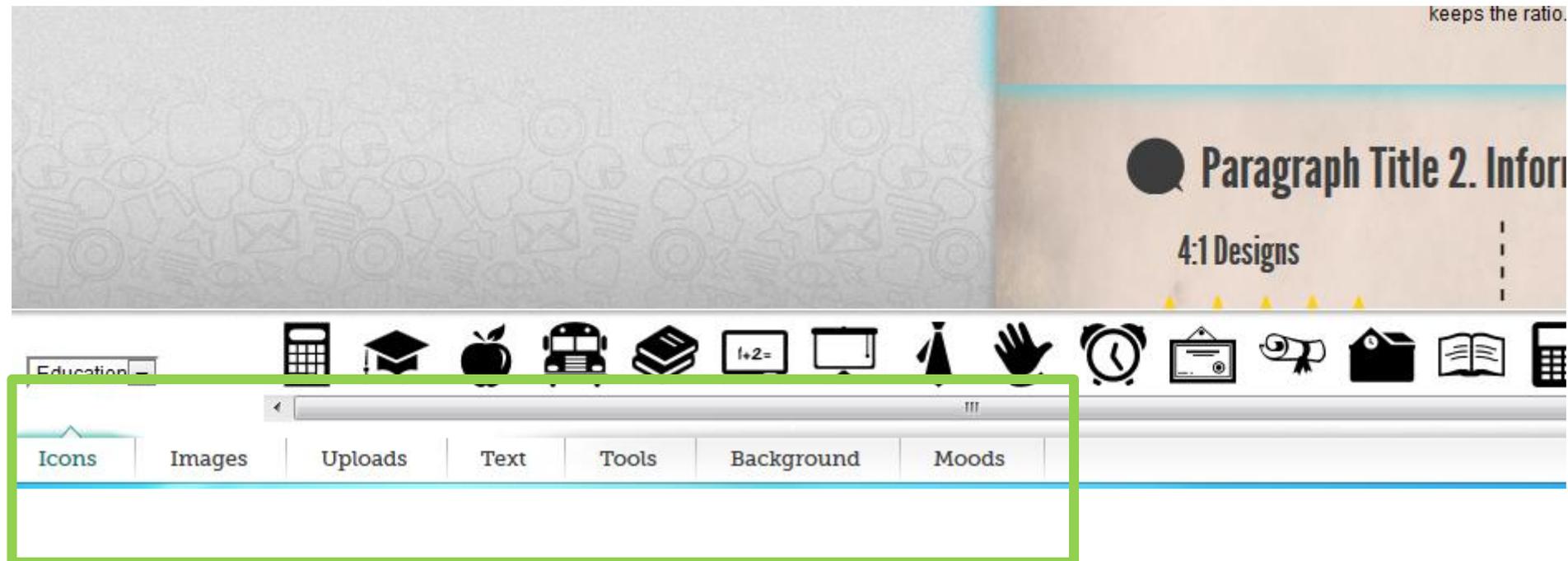
You can change the color scheme of the selected theme by selecting the **Moods** tab and then selecting the color scheme (texture) you would like to use.



How to Use Piktochart



To edit the information and graphics, select the appropriate tab at the bottom. You will be able to add and edit shapes, graphics, text and upload images and charts. You simply drag and drop to the infographic above.



How to Use Piktochart



To save the infographic, select **File** at the top of the site and then **Save**. Enter the name for the infographic and select **OK**. This will save the infographic to your account.



How to Use Piktochart



Once you have saved the infographic, you can download and save the image to any file you choose. Select **Export** at the top and choose what type of file you would like – PNG or JPG. Then right-click the image and select “Save As”.

The screenshot shows the 'Export My Piktochart' interface. At the top, there is a navigation bar with a user profile 'heather.blount@ttu.edu', a 'View Tutorial' button, a 'File' dropdown menu, an 'Export' button (highlighted with a green box), and a 'Preview' button. Below this, there are options for 'No last autosave' and 'Canvas Blocks'. A red horizontal bar is visible below the navigation bar. The main content area has a title 'Export My Piktochart' and an 'Unpublish HTML' button. Below the title, it says 'You can now share your Piktochart with more options below'. There are three buttons: 'Download as', 'Publish', and 'Embed'. Under 'Download as', there is a 'Choose quality:' dropdown set to 'Web (100%)', and 'Zoom: 100%', 'Width: 600px', and 'Height: 1505px'. Below these are two buttons: 'Output As PNG' and 'Output As JPG' (both highlighted with a green box). A green arrow points from the 'Export' button to the 'Output As PNG' and 'Output As JPG' buttons. Another green arrow points from the 'Output As PNG' and 'Output As JPG' buttons to a text box that says 'Right-click the image then click on "Save As"'. The background of the interface shows a preview of an infographic with a red header 'Place Your Header Here' and a section titled 'Icons & Images' with a pie chart showing 85%, 30%, and 50%.

How to Use Piktochart



To edit an infographic you have created, select your account at the top left, then select **Saved Piktocharts** and finally, the one you would like to edit.

The image illustrates the steps to access saved infographics. On the left, a user profile dropdown menu is shown with the email address 'heather.blount@ttu.edu' and the option 'Saved Piktocharts' highlighted in green. A green arrow points from 'Saved Piktocharts' to the right screenshot. The right screenshot shows the 'My Saved Infographics' page, which displays three saved infographics: 'Autosave_2013-7-5' (a grid of teal squares), 'test' (a chart titled 'Place Your Header'), and 'Test' (a 'Technology Workshop' infographic). Each infographic has a red 'Destroy' button below it.