



Web Pages & Graphics

What are graphics?

- Pictures from
 - a digital camera
 - still-film pictures that are scanned
 - images from the Internet ~ graphics from other Web sites are, by nature, published, and therefore copyrighted. Use them *only* if you have permission.
 - clipart programs such as Web Graphics & Animated Web Explosion, or Corel Draw
- Graphics created in
 - Corel Draw or Corel Photo Paint
 - Photo Impact

How Do I Decide When to Use Graphics on my Web Page?

1. Determine what is important about your page.
2. Decide what message you are trying to convey to your audience.
3. Will graphics enhance your Web page and help communicate my message?
4. Will graphics distract me viewers?

Why is the SIZE of an image so important?

- The larger the file size of the graphic, the longer it will take to load on the screen.
- The more graphics that are on a page, the longer the load time.
- If you are limited on how large your web page folder can be on the server, graphics can eat up most of this space very quickly.
- HCISD Recommended Graphic File Sizes: No larger than 50k

Image File Types

- Web Appropriate:
 - .gif (pronounced "giff") - Gif images contain only 256 colors, therefore size is reduced but color may be lost.
 - .jpg ("j-peg") - Jpg images retain up to 16.7 million colors and is the preferred compression for photographs. However, in the compression process, some fine detail is lost. Often the effects of this "lossy" compression technique are not noticeable to the eye.
- Web Inappropriate
 - .bmp ("Bit-map") - very jagged and not viewable on the Web. The can be converted and compressed to gif or jpg formats for use on the Web.
 - .tif or .tiff - high-quality images but huge files. Definitely compress before using on a Web page.

What can I use to make my images "appropriate"?

- Use an image editing program to compress or resample the picture and save as a gif or jpg
 - Picture It! Express
 - Adobe Photoshop
 - Corel Draw
 - Corel PhotoPaint
 - Ulead Photo Impact

Clipart, Animated GIFS, Cut & Paste JAVA, and more

Necessary reading	http://www.harlingen.isd.tenet.edu/copyright.html http://www2.harlingen.isd.tenet.edu/~freas/images.htm
Too Little Time Tools	http://toolittletime.com/site.html
ClipArt.com	http://www.clipart.com/
FreeImages.com	http://www.freeimages.com/
Art Today	http://www.arttoday.com/PD-0025000/
A-Plus Art	http://www.aplusart.com/
Discovery School	http://school.discovery.com/clipart/
School Icons	http://www.schoolicons.com/eng/
TeachNet	http://www.teachnet.com/how-to/clipart/
Awesome ClipArt for Kids	http://www.awesomeclipartforkids.com/
The Teacher's Guide	http://www.theteachersguide.com/Freebies.html
The Ulead Site	http://www.ulead.com