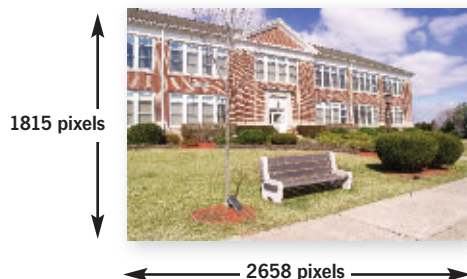


Digital Image Specs

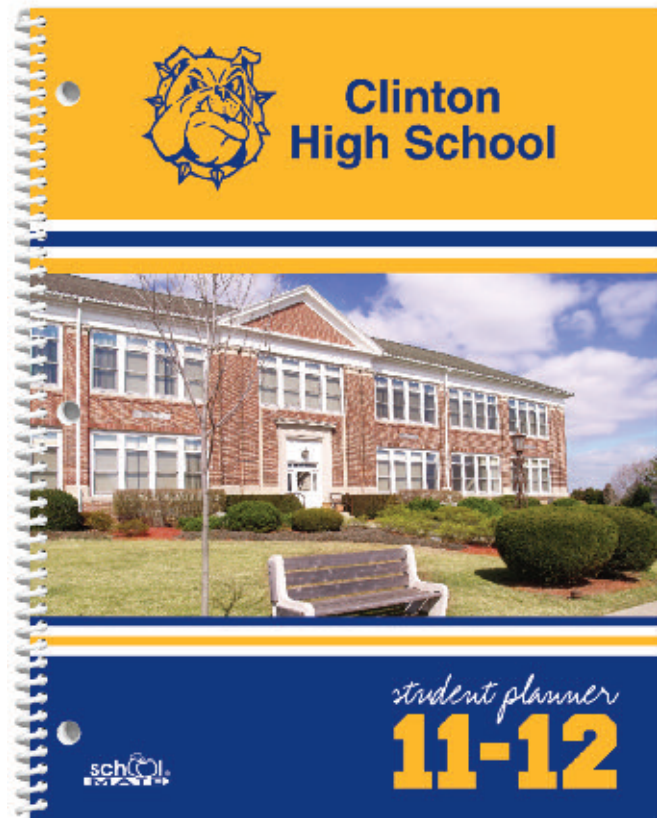
How to determine if photos, scanned artwork, or other digital files are acceptable for quality printing.



Maximum Print Size at 300 ppi

width = $2658 \text{ ppi} / 300 = 8.86''$

height = $1815 \text{ ppi} / 300 = 6.05''$



Resolution

An image that looks good on your computer's monitor does not mean it will print well. Resolution determines the quality of a digital file that will be printed. The more pixels per inch (ppi) in an image, the better the printing quality.

Divide each axis by 300 – the result is the largest size an image can be printed at *maximum* quality. We will accept files as low as 150 ppi. Images won't be as sharp as 300 ppi, but it is still of acceptable quality. In that case, divide each axis by 150.

Example of image at 2658 ppi x 1815 ppi:

300 ppi 2658 ppi x 1815 (each axis divided by 300)
highest quality = 8.86" x 6.05" maximum print size

150 ppi 2658 ppi x 1815 (each axis divided by 150)
medium quality = 17.72" x 12.1" maximum print size

If you enlarge an 8.86" x 6.05" image to fit our larger planner size of 8.375" x 10.8125", make sure you're maintaining 150 ppi. You cannot resave lower resolution files to 300 ppi.

File Format

Your file should be several megabytes in size if it's the correct resolution. You may want to modify the brightness, contrast, and color in a photo-editing program. School Mate® cannot be responsible for photo quality since we do not make alterations or correct colors to images you provide.

You can convert your file to a **PDF** with embedded fonts. Otherwise, provide fonts and any linked artwork. Digital files should be saved in one of these formats: **.eps .tif .ai .jpg .psd**

Digital Devices

Most newer digital cameras with 4 Megapixels or more can take photos suitable for printing. However, don't use a compression setting on your camera; it affects color and photo quality. Make sure your camera is set for uncompressed image data. Check your owner's manual for details.

Images dragged from a web site or taken from a cell phone are usually too small – okay for video media, but not print.