

ComD 1162

Vector Graphic Fundamental Process Steps

revised 08/25/23

NOTE: This file may be modified to update for adjustments.

Open Illustrator application.

Key “command+shift+k” and Target Color Profile to “North America Newspaper” (RGB = Adobe 1998 and CMYK = SNAP 2007).

Go to pull-down menu: “Illustrator > Preferences > Units > verify/change units” to document units.

Create “new” vector file. Choose “Print.” Set File ID to specifications. Change/verify “width” units to “inches.” Set “width” & “height” to document specifications. Choose “Create.”

Show rulers (command+r).

Key command+zero to fit document in view.

(command+shift+s) Save as next version.

Change format to Illustrator eps > change Adobe Postscript to “LanguageLevel 3.” “OK” onto hard drive.

(command+shift+s) Save as next version. Toggle (command+y) View to Outline.

Select “m” for rectangle, hold down Option key and click in Safe area. Set 0.25 inch in both width and height sizes. Change fill and stroke in color palate to “none.” Key “v” for select tool and move no fill - no stroke square to top-left trim corner. Copy and paste that square and move copy to lower-right corner. Pull unlocked “guide” lines from rulers to make Safety guides. In Layers palate, change name of “Layer 1” to “Safety” and lock layer.

Safety Area = .25” white space left blank evenly around trim to Safe area.

Safe Area = .25” inside Safety Area. Includes Page ID, captions and graphic elements.

(command+shift+s) Save as next version.

Toggle (command+y) View to Preview.

In Layers palate, make a Layer for “Page ID” and each STEAM graphic or proof required in the assignment. Note: a layer above will cover a layer below. A proof layer should be moved below graphic layers.

Choose caption/graphic Layer colored dot: to move elements to specific, related Layer.

Layers will be viewed separately during evaluation. Note: Layers’ “eyeball” icon can toggle “on” to see layer and “off” to hide.

Choose/select the type tool (t) and make a caption to match the name on each Layer. Example: “science” Layer has “science” caption. Follow the assignment’s type specification. Exceptions are no caption for “Page ID” or “guide” layers.

(command+shift+s) Save as next version.

Follow the vector assignment sheet for specific graphic specifications such as quantity, attributes and process factors.

Quantity is number of graphics. Each graphic must be on a separate Layer.

Attributes refers to the characteristics of the graphic. Each graphic may include a specific multiple of different shapes. Each graphic should share a single colored fill and a different colored stroke / frame. Strokes should be a specific size and “aligned to the outside.”

Process factors such as “Create Outlines” for type, “Object > Path > Outline Stroke,” or “Unite” same colored frames processes are vector functions. Vector functions combine to digitally design graphics.

Review all of the Project vector graphic document assignments. Correct each modified version with a new (save as) revised version letter in File ID and Page ID (match).