**REPEATING TEXTURE in Photoshop – 13 steps!**
**Scan images so they can be edited on the computer

Hardcore rules…**Use non destructive layersUse the lock function if needed
Ask three before me (teacher), your colleagues are your best resource!
If you find out another way to do things you must tell others!
 **Hold on its not working…**
remember to select the right layer when making adjustments

**To see better**…
Command + and command – to zoom in and out
space bar and dragging on the screen lets you navigate

**Oops! Steps to undo…**
Command Z = undo step (see Edit bar if needed)
Command shift Z = undo the a step further (see Edit bar if needed)
Always duplicate images if you think you might go back and rework them
 **Step 1
Getting your document setup**Open Photoshop > New document – appropriate size
For this project please create a file with the following details.
30cm x 30cm, 300DPI, CMYK (as we will be printing this)
 **Step 2**

**Rasterizing your images**
Place images into the file – drag and drop them.
These must then be rasterised (made into pixels so they can be edited)
To do this… select image layer > RHC > Rasterize layer
Do this for all scanned images.

**Step 3**
**Resizing your images**
Do this using the transform tool (command T) (must be on correct layer)
See what happens when you **hold shift** as you rotate.
Enter key to accept the changes.

**Step 4
Adjust lighting**
Your scan may be dark or discoloured so lighting tools will correct this.
Try the below tools and have a play (use non-destructive layers)
**Tool to try:
Levels** (command L) and **saturation/hue** (command U)
**Curves** (command M)
**Dodge** and **burn tools** (shortcut O in tools panel but must select individually)

**Step 5**
**Fine tuning one element
Deleting areas**
You may want to delete surrounding areas…
Try the lasso tool (shortcut L), select areas and press delete key
Think about selecting a small area and inverting it via RHC > select inverse

**Adding to selection:**
Shift key and drag an area into the selected area
Alt key and drag an area into the selected area
(this will save you time retracing an outline)

**Adjusting image edges**
Use the feather tool… keep selected area > RHC > feather
Is this the only way to create this effect?

**Step 6
Start creating your repeat**
Now you can start rearranging your objects.
Do this by dragging them, resizing them and changing their direction.
Some skills below might help you…
 **Duplicating elements**
 To duplicate an element, use the Alt key and drag sideways.
 **Changing direction** of element, use transform tool (commant T)

**Consider…**
- How will you space your objects?
- likeness of objects…
make sure you don’t put objects that are too similar too close together because you want a subtle repeat.
- try to not put elements perfectly horizontal or perfectly verticle… the become obvious in the repeat.

**Step 7**Add a new layer and label it ‘flat repeat’ (double click where it says layer x)
With that layer selected, press the below keys to take a screenshot of your page.
Shift + Alt + command+ E key.
You should see the layer now has filled with the all the visible layers showing.

**Step 8**

Duplicate that layer by selecting it and RHC > Duplicate layer.
(this is in case you want to trial a few different repeats)

**Step 9**

**Wrap your image around to ensure repeat**
With the top layer selected click FILTER > OTHER > OFFSET
Here you can **play with the horizontal and vertical bars** BUT
you must CLICK SHIFT at the same time. This ensures your repeat matches up.
Try and move your image so you can see the gap where there are few emblems.
Click OK.

Notice how the file is now repeated.

**Step 10
Filling the gaps in your repeat**Use some of the tools below to fill in the gaps.
**Lasso tool** to select an area
Command J to **copy a selected area**
Command T to resize/**change** **direction**
\*\*\*When done, you can merge the new layers into your repeat layer

**Merging layers**
select all the layers to merge THEN press the command key + E letter key together

**Step 11**Repeat the process of duplicating the repeat layer and try the offset filter again.
Check the repeat is smooth and there are not obvious gaps.

If gaps, add more emblems like below.

**Step 12
Save final repeat by name**
save your final top layer as “final repeat”.

**Step 13**
Save your work for the last time as a PHOTOSHOP FILE. Eg. Psd.

 **Instructions for creating colour ways are on the weebly site.**