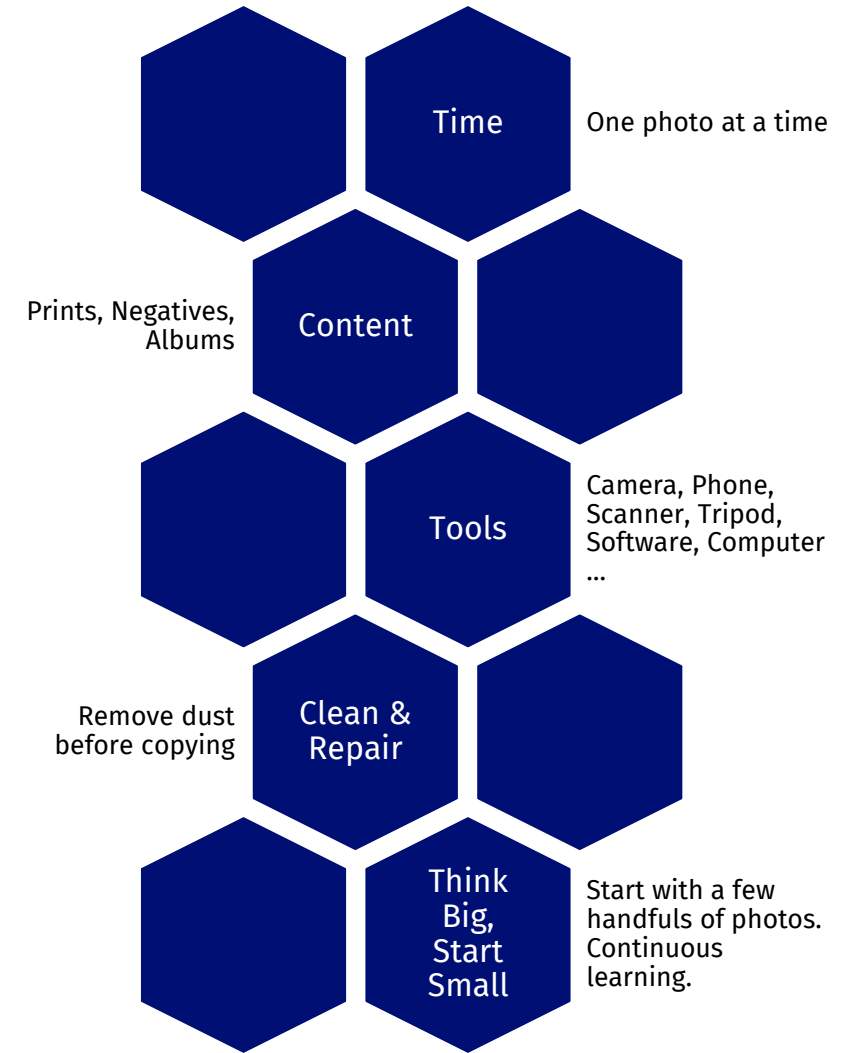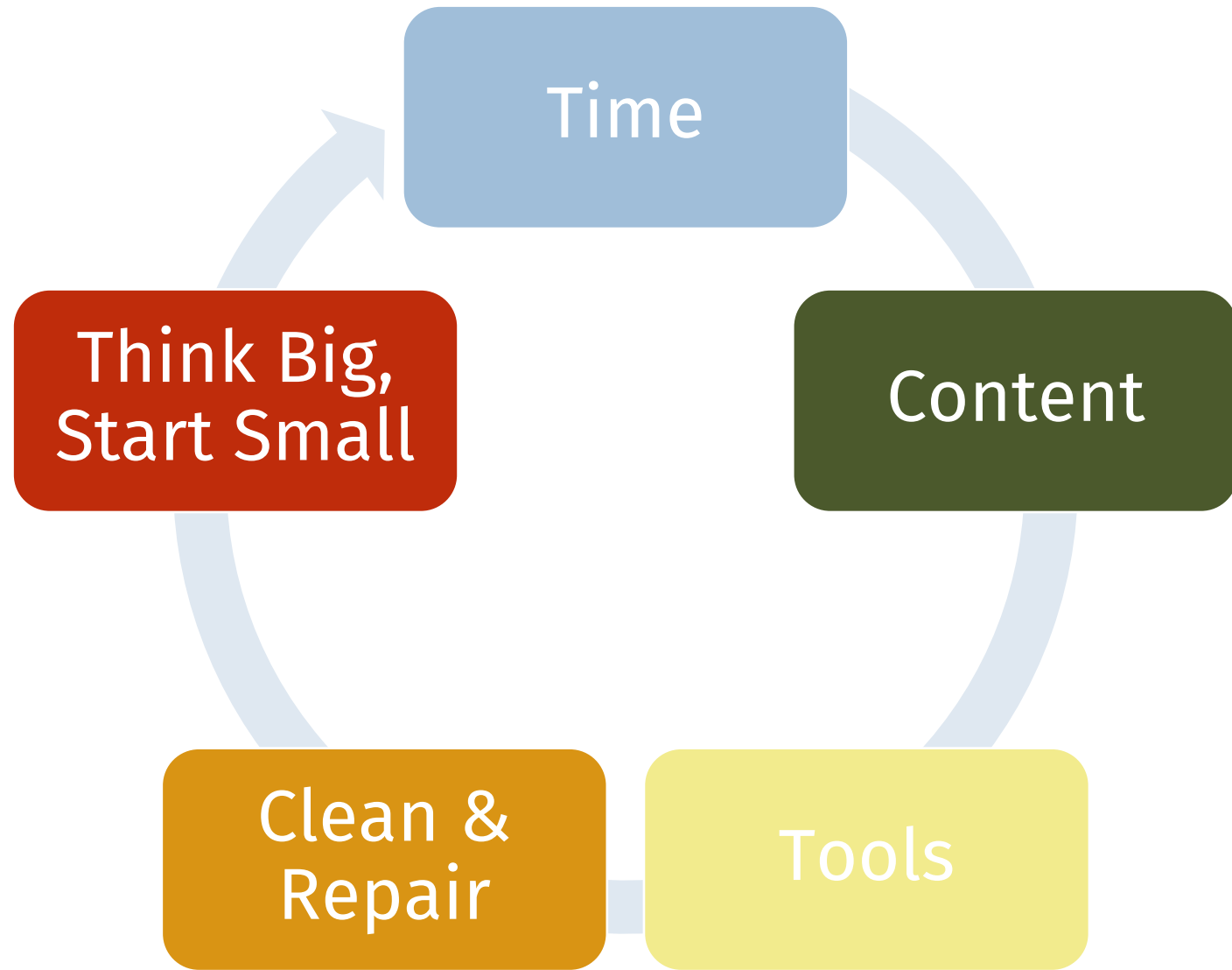# Photo Restoration

In 10 minutes

Preserves memories, historical records, and family heritage.

Pieces of the Photo Restoration Puzzle

A Few Thoughts on Capturing Photos Styles

- Tripod, lighting, post processing
- Aligned with Camera Club skillset

Camera

- Apps to help
- Google PhotoScan (Android & iOS)

Phone

- Slow, good results
- Solves lighting issues

Scanner

- Fast, moderate quality
- Tradeoffs

Automatic Scanner

- Send your content to a company
- Cost ?

Outsource

Hints for Capturing Photos of Photos

Lighting – Use soft, natural light from a window to illuminate your photo. Avoid direct sunlight, which can cause harsh shadows and damage the image. Also, position yourself to prevent shadows from your body or camera.

**Angle** – Capture straight-on shots to minimize distortion and ensure a clear, accurate representation of the photo.

Focus – Tap on your screen to focus on the photo, then hold the camera steady (consider using a tripod) to prevent blur.

Composition – Fill the frame **without getting too close**. Experiment with a slight zoom (e.g., 2x, 70mm-100mm) to find the ideal distance.

Resolution – Capture the highest resolution possible in your preferred file format (JPEG, RAW, HEIF, WebP, etc.). Use the highest quality setting when saving to preserve detail and clarity.

Negatives

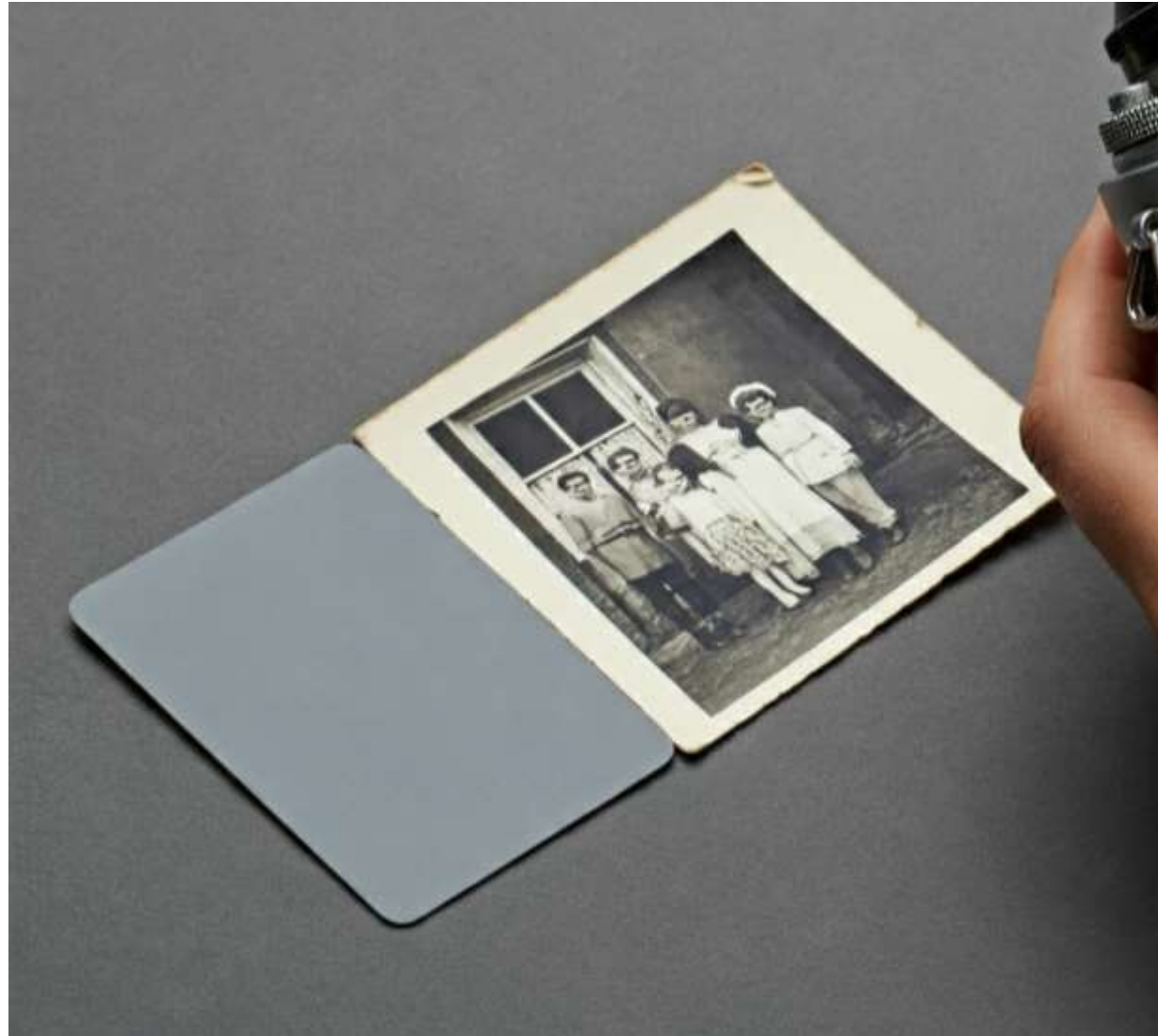Use your laptop of tablet as a "lightbox"
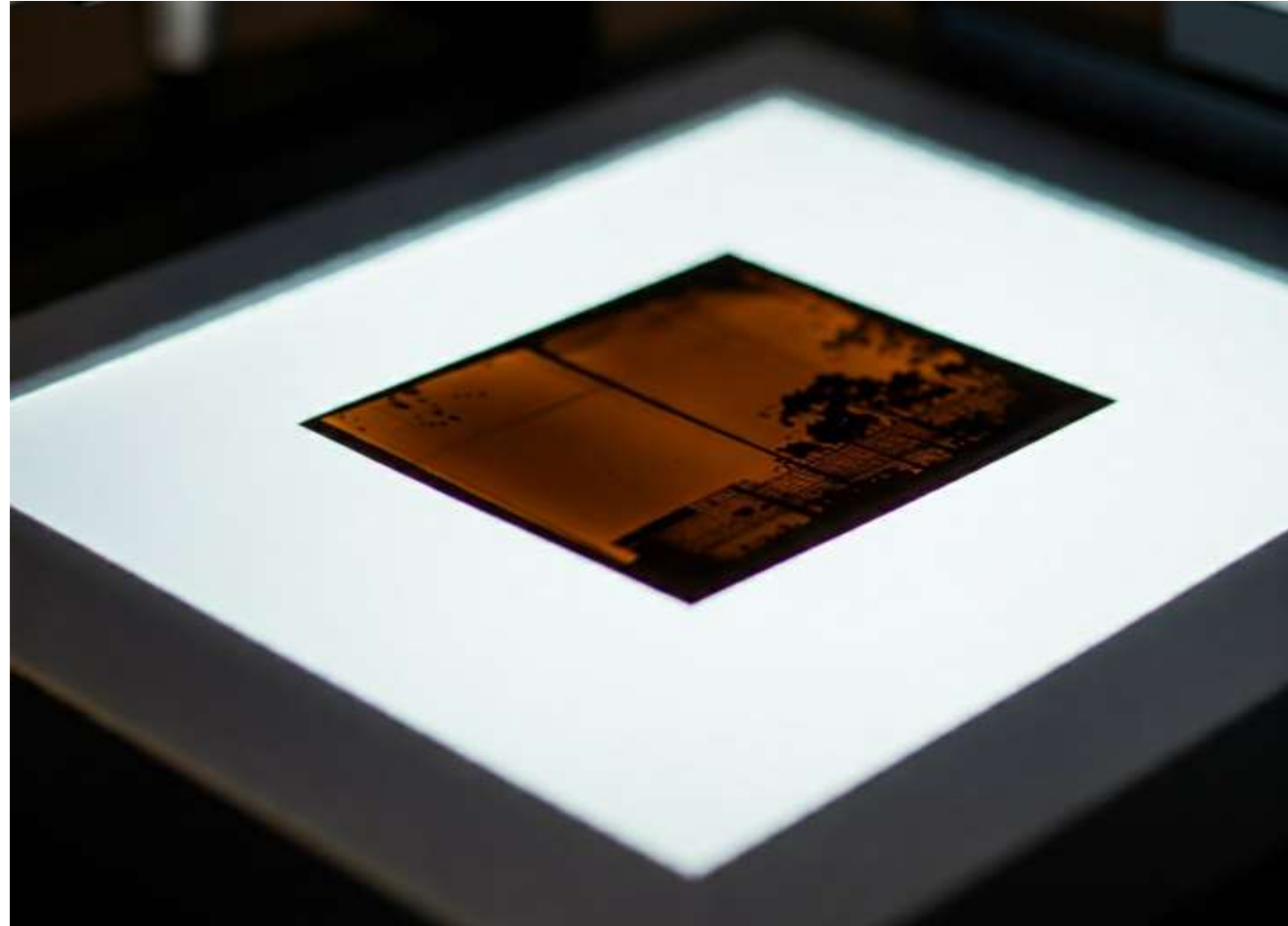
Color Balance

Add a Neutral Gray Card near the photo

Photoshop
Image >
Adjustments >
Curves

Or just try the 'Auto' Button

Editing the Photo

AI is your friend, but don't over do it.

A 20 year old photocopy of a 30+ year old photo.

After Adobe Camera Raw 'Auto' – not much
Photoshop Photo Restore "Beta" failed

Editing the Photo

AI is your friend, but don't over do it.

A 20 year old photocopy of a 30+ year old photo.

Topaz Photo AI – Face Enhance (40), Denoise (40)

Editing the Photo

A 20 year old photocopy of ... ace Enhance (40), Denoise (40)