

	Skills Exercises (or Larger Projects) List	Photo & Media
1	<p>MMCs - Cell Phone Photography & Editing</p> <ul style="list-style-type: none"> • Create a series of pictures and videos with your phone. You can use existing pictures from your summer holidays. • Consider how to tell a story in under 60 sec • Present your content in formats such as a scrolling video or mobile video with text, transitions and music. 	<p>Mobile Media Creations - Suggestions</p> <ul style="list-style-type: none"> • Create a thematic photo collage • Create a scrolling video for social media using an app such as PicPlayPost • Create a quick story for social media using an app such as GoPro Quik <p>Value added: Try out the Plotaverse app to add dynamic movement to your landscape shots.</p>
2	<p>Variation Grid(s)</p> <ul style="list-style-type: none"> • Apply different layer adjustments and filters on the same image, repeated in a grid format. • Key PS Tools: Canvas Size, Adjustment Layers (Levels, Curves, Hue Saturation, Photo Filter, Gradient Map), Layer Masking, Blending Modes, Layer Opacity, Layer Styles. • Key PS Filters: Gaussian Blur, Blur Gallery >Tilt Shift • Effective ways to use the Filter Gallery with layers 	<p>Variation Grid(s) - Theme Suggestions</p> <ul style="list-style-type: none"> • Humans of Kitchener • Landscapes (sunsets, beach scenes, trees) • An object from different viewpoints • Video game pose / satellite photo • Toy structure • Food item • Things to do with a deck of cards • Balloons & bubbles
3	<p>Photo Re-Touching</p> <ul style="list-style-type: none"> • Restore and colourize an old photograph in PS. • Research how to digitally repair an old photograph. • Share any tips and tricks with the class. 	<p>Photo Re-Touching - Key Tools</p> <ul style="list-style-type: none"> • Key PS Tools: Spot Healing, Patch Tool, Clone Stamp, Brush Tool, Layer Masking, Layer Group, Blending Mode, Blend If Trick
4	<p>Spatial Creativity</p> <ul style="list-style-type: none"> • How can you create an abstract or surreal panorama? • Experiment with a variety of features available to you such as 360 degree camera, cell phone panorama feature, and the tried-and-tested DSLR and a tripod. • Then stitch and meld your images together in PS. 	<p>How will your photo stand out?</p> <ul style="list-style-type: none"> • Panoramas use to be a labour intensive process. • Now with a click of a button we can easily create one. • Question: What can we do with all the advanced technology available to us in order to produce something unique and not cookie cutter?
5	<p>Multiple Exposure Effect</p> <ul style="list-style-type: none"> • Superimpose two or more images to create a single image in Photoshop. • You are basically blending and masking layers. • Layer Groups can be helpful in this process. • Using the Pen Tool to create a selection and mask is another helpful tip. 	<p>Multiple Exposure - Suggestions</p> <ul style="list-style-type: none"> • Double Exposure Effect • Pattern Overlay • Texture Overlay • Experiment with the Dodge & Burn Tool • The Gradient Overlay inside the Layer Styles panel can be helpful.
6	<p>Custom Light Leaks and Video Overlays</p> <ul style="list-style-type: none"> • Explore tricks with a flashlight, LEDs, and patterned glass • Try overexposing and underexposing the image. 	<p>Custom Light Leaks and Video Overlays</p> <ul style="list-style-type: none"> • Look for textures, patterns, and shadows to video record or photograph.
7	<p>Shutter Speed Effects & GIF Animation</p> <ul style="list-style-type: none"> • Experiment with the shutter speed of your camera to create in-camera effects (long vs short exposure). • Use Photoshop to enhance the special effects created by your camera. • Create a GIF animation with some of your photos. 	<p>Shutter Speed Effects - Suggestions</p> <ul style="list-style-type: none"> • Ghost Image (slow-shutter) • Light Painting (slow-shutter) • Smoke Art Photography (slow-shutter) • Stop Action (fast-shutter) • Levitation Effect (fast-shutter)

8	<p>Aperture Effects & GIF Animation</p> <ul style="list-style-type: none"> • Experiment with the aperture size of your camera to create in-camera effects. • Use Photoshop to enhance the special effects created by your camera. • Create a GIF animation with some of your photos. 	<p>Aperture Effects - Suggestions</p> <ul style="list-style-type: none"> • Small Depth of Field (large aperture) • Bokeh, Tilt Shift • Large Depth of Field (small aperture) • Landscape or interior shot all in focus
9	<p>Optical Illusion Photography & Keyframe Animation</p> <ul style="list-style-type: none"> • Can you think of a way to create an optical illusion with a photograph that tricks the eye? • Check out Hipster Barbie's Instagram for some ideas. • You can always experiment with combining a drawing and photograph together. Part of the challenge will be to integrate the two mediums together in a seamless manner. • After you have finished editing your photo in Photoshop, prepare to bring it into Premiere. • Inside of Premiere add animated text or graphics with keyframing. 	<p>Optical Illusion Photography - Suggestions</p> <ul style="list-style-type: none"> • Forced Perspective • Tricks with the Scale of Toys • Shadow Design • Sky Art (use the negative space between buildings) • Pencil vs Camera
10	<p>Optical Effects & Keyframe Animation</p> <ul style="list-style-type: none"> • Shoot through items such as a prism, magnifying glass, and a water bottle. • Experiment with zooming your camera while taking a photograph. • Use Photoshop to enhance the special effects created by your optical effects trials. • You may even superimpose different images together. • After you have finished editing your photo in Photoshop, prepare to bring it into Premiere. • Inside of Premiere add animated text or graphics with keyframing. 	<p>Optical Effects - Suggestions</p> <ul style="list-style-type: none"> • Experiment with mirrors and reflections in water. • With video work, rigs such as a Snorri Cam create an unusual sense of vertigo. • Using a Lensbaby will extend what you can do with in-camera optical effects.

Goals (Unit Outcomes)

- Demonstrate creativity and style using production techniques and software.
- Experiment with digital photography and video as an art form using software for image manipulation and animation.
- Use still and moving images as a means of communication.
- Incorporate traditional design elements and principles in your work.
- Demonstrate familiarity with software (Photoshop, Premiere) and the basic tools for digital photo manipulation and video editing.
- Demonstrate an understanding of colour correction, layer organization, masking and composition.
- Use proper terminology when discussing your work (e.g. lighting styles, resolution, frame rate).