Note - This paint list is for educational purposes only. If you already have your own watercolor materials and supplies then bring those to the class. Do not worry if you do not have exactly the same palette of paints as substitutions are possible. Be sure to buy the best paper you can as it makes your job easier as a watercolor artist. The miscellaneous list of supplies can mostly be found in your home with the exception of Misket. Victoria Art Supply and Michaels are your two local sources for art supplies. BRING THIS MATERIALS LIST TO CLASS FOR DISCUSSION PURPOSES.

## Watercolour Material List

Paints - Artist's quality watercolor paints are always recommended such as Holbein, Winsor Newton, Daniel Smith, Grumbacher and Davinci (only certain pigments). (*Brands and paint grade make a difference as to how the paint mixes with others, flows on the paper and the luminosity. This has to do with the binders and how the pigment is ground and treated before mixing it into a tube paint.)

Pan paints are not recommended for this class. Pan paints are good for smaller sketch painting and outdoor painting. Professional grade paints are more luminous and more concentrated so they go further.
Below is an example of the most common pigments used.
For this class to start I have put a star beside those pigments that are the basics to buy to get started. We want to start off with warm and cool versions of red, yellows and blues, our three primaries. If you have already bought your paints then just bring what you have and add as the class goes along.

## DaV/WN/H/G

Indigo - Semi T to O depending on dilution - cool
*Pthalo Blue, Prussian or Antwerp - T but ST - cool
*Yellow Ochre - O and G - warm
*Raw Sienna/Yellow Ochre - Semi-T and slightly G
Hansa Yellow, Indian Yellow - T - warm
*Cadmium Red (O-ST), Scarlet Lake (T) or Vermillion (O) - I use scarlet lake - love vermillion (throw back to my oil painting days but it is quite expensive and opaque like cadmiums - warm
Carmine or Alizarin Crimson - T but can be a bit staining if used full chromatic strength (creamy mixture)
*Permanent Rose or Rose Madder Genuine, Rose Dore (T), cool
*Cobalt Blue - Semi-T and G-neutral blue
*Cerulean Blue (Peacock Blue more transparent - Holbein) - O and G cool

## WN/Holbein/G

*New Gamboge - T, warm

Pigment Paint Properties Key: Semi-T = Semi-Transparent
$\mathrm{T}=$ Transparent
$\mathrm{O}=$ Opaque
G = Sedimentary/Granular
ST = Staining
Cool or Warm color
*Burnt Sienna - Semi-T /G - warm
Raw Umber - ST to T-cooler than Burnt Sienna due to more blue
*Ultra Marine or French Ultra Marine Blue (Royal Blue slightly bluer (Holbein) - Semi-T and G
Quinacridone Gold, Q-Magenta - T, warm
Green Gold - Semi -T, warm
Brown Madder - T
Pthalo Blue, Green and Turquoise, -T but ST, cool
Winsor Violet - T, cool
Permanent Magenta - T cool
*Aureolin Yellow - T and lightly staining, cool Opera (pink) - T, cool

Organic pigments made with vegetable dyes, e.g. rose madder, Rose Dore, animal urine or very fine synthetic chemicals e.g. potassium are usually more transparent. Pigments made with large or heavy metals e.g. iron oxide, cadmium, lapis lazuli (UMB), chromium, titanium are more sedimentary and opaque

Hookers Green (Viridian bluer green) - T but ST, cool, great for creating rich dark greens

Viridian - T and lightly staining (not good on its own but great for mixing cool greens and luminous blacks)
*Sap Green - T and slightly staining, becomes granular if too thick, warm
Paynes Grey (blue undertone, Davy's Grey (graying down without dirtying effect caused by black) - T, cool

Papers - I cannot stress enough the importance of good paper. Arches, Winsor Newton, Fabriano 140 lbs or Saunders 200 lb cold pressed paper. Sold by the full sheet (approx 22 "x 30 "). This paper can be found at Victory Art Supply on Rubidge St., Peterborough or ordered on-line from Desseres in Toronto or Studio 6. PAD paper is not best (sold at Michaels) and makes it harder for the artist to paint and blend. The exception to this Arches which uses its own paper to create the pads but are expensive. Most other pad papers are of poorer quality and make it difficult to blend and create graded washes. It is actually cheaper to buy a full sheet of paper (approx. \$12) and cut it to the size you want.

Brushes - The size of the brush is really dictated by what you want to paint and the size of what you are trying to paint. I predominantly use round brushes. Good brushes will come to a point when we wet them and make it easier to mix paint and apply the paint. Below is a list of the most popular size brushes. For this class have at least one flat or mop brush, 1 or $1 \frac{1}{2}$ inch best, a small (size $4-6$ ) and larger round brush (10-14) and a rigger or brush with very long hairs.

- Mop brush made of Russian Squirrel or a mixed synthetic for large washes (you can also use large flat brushes for background washes 3-4 inches wide)
- Round: \#10-14 - bristles should have a good point and spring back when bent
- Round: \#4-8 - bristles should have a good point and spring back when bent
- Rigger: \#4-\#6 (1" long fibers) ie Curry's - Series 2449 Liner Brush or equal
- Flat: $11 / 2 "$ Synthetic brush
- Flat: $1 / 2$ OR 1 " wide with clear acrylic handle with chisel end (for scraping) (optional)
- Fan Brush (optional)
- Hake Brush ((optional)


## Miscellaneous Supplies

- Flat Palette (Lynch, Wood, Pike or equal) or a large white platter
- Mounting board for paper (approx 16"x 20") - smooth, non-porous surface that is fairly rigid. Ex - 1/4" Masonite board or Acrylic (Plexi-glass) sheet or Foam Core board.
- A square block of wood or facial tissue box to elevate the head of the board 4-6 inches.
- 1" wide masking or painters tape - (I like 3M or Cdn Tire's brand or brown packing tape (Post Office)
- Paper Towel and Kleenex Facial Tissue (non-lotion-cheap tissue is great)
- 2 deep water containers (i.e. deeper the container the better - Yogurt or Ice Cream containers)
- Pencil and white eraser(white erasers won't mark the paper)
- Paper for sketching or taking notes
- Old credit card (optional)
- Misket (needed for preserving whites/highlights in small areas of the painting) (Victoria Art Supplies)
- Hair Drier
- Spritz Bottle - fine spritz

If you have any questions about the supply list please don't hesitate to call me at 705-657-1470 or email me at bannister80@nexicom.net.

