**Recommended**- **Materials List for Watercolor Painting Beginning Level**

**Brushes 1˝ wide oval or flat wash brush (suggested brand-Robert Simmons White sable)**

 **Size 18 large round brush**

 **Size 10 medium round brush**

 **Size 4 small round brush**

**\*buy the brush for watercolor use not for acrylic or oil painting\***

**Paints**  Cotman or Grumbacher Student Grade

 **Cool colors** :Alizarin Crimson, Lemon Yellow or Cadmiun Yellow Light, Cobalt Blue

 **Warm colors** : Cadmiun Red ,Cadmium Yellow(deep) New gamboge ,Ultramarine Blue,

 **Earth tone colors** : Raw sienna, Burnt Sienna

 **Darker blue** : Prussian Blue, Indigo, Thalo Blue

 Ivory Black (for value study)

**Palette** Plasticmaterial with lid (Bigger one with lid works better)

**Paper** Arches 100 % cotton 140 lb Cold Press watercolor paper pads at least 9”\*12”

 Any other brand (Canson XL series, Strathmore 400 series watercolor pad)

 It has to be at least 140 lb

 Sketch book ( any brand is ok)

**Miscellaneous**

Pencil (HB and 2B) /Pencil Sharper (Pencil need to be sharpen always!!!)

 Eraser

 2 medium Plastic containers

 A box of Kirkland brand unscented tissue

 Paper Towel

 Masking fluid

 Sea silk sponges (from art store not from homdepot)

 Watercolor masking tape

 A pad of tracing paper (any brand is ok )

 Some photos in different subjects ( people, still life, scenery ) from magazine

 or your own photos collection

 Display Easel

 Spray Bottle

**Easel**  Table-Top Easel or Box-Cut hand made easel

**Board** Plywood with ¼˝ thickness or Paper-Gator Board about 16˝ \*24˝

**Suggested sources:**

**Utrecht art store Tel 1-714-528-8790**

Art Supply Warehouse:6672 Westminster Blvd. Westminster, Ca 92683 714-8913626

CheapJoe.com /Danielsmith.com/Dickblick.com/Jerrysartarama.com: on line purchase

**The Basic Color Theory**

**Primary Colors:** Red, yellow, blue

**Secondary Colors:** Red+yellow =Orange, Yellow+Blue=Green, Blue+Red=Violet

**Tertiory Colors:** Orange+yellow=Yellow –orange,

 Orange+Red=Red-Orange

 Green+Yellow=Yellow-Green

 Green+Blue=Blue-Green

 Violet+Blue=Blue-Violet

 Violet+red=Red-Violet



**How to mix black:** The combination of three primary colors will yield black.

Gray is a gentle, pleasing color that is easy on the eye.However,when used by itself “gray” may seem dull.It is influenced by the color that surrounds it.But when used with a semi-neutral or pure-hue color,”gray” comes to life.

**How to mix neutral-gray :**

1. From the tube –payne’s gray,neutral tint,lamp black tint it either with water or white
2. From the complement colors of each color-
	1. Cadmium Yellow Pale +ultramarine blue
	2. Burnt sienna + ultramarine blue
	3. Cadmium yellow medium+ultramarine violet
	4. Naples yellow + ultramarine violet **or** naples yellow +ultramarine blue
	5. Permanent orange +ultramarine blue
	6. Cobalt violet +emerald green
	7. Permanent orange +Cobalt blue
	8. Raw sienna +ultramarine blue
	9. Burnt umber +cobalt blue
	10. Sepia +cerulean blue
	11. Prussian blue +alizarin crimson +winsor green
	12. Prussian blue +burnt sienna +alizarin crimson

**The Language of Color**

The Properties of color (The four major terms you have to learn in watercolor class)

**Hue**

Hue and color are general terms and can be used interchangeably.

Hue is color in its purest form.The colors of the colorwheel are hues.

All of the colors we can perceive are produced by the mixing of certain basis colors-Red,yellow,blue

**Value**

Value is the lightness or darkness of a color.Lightened values are called”tints”

Darkened values are called”shades”,

and medium values are called

“midtones”.

Key-dominant value or color relationships,such high key(light ),low key(dark)and full contrast (full range from light to dark

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**Intensity**

Intensity also called saturation

chroma, purity, strength, dullness and other term-refers to the amount of black, white or gray mixed with a hue.

Pure red is highly saturated or high intensity; maroon has black added(and includes less red);pink may have varying amounts of white added; a dusty rose has varying amounts and/or values of gray added

Adding black or its complementary color creates a”shade”

Adding white or more water creates a “tint”

Adding any value of gray creates a “tone”

**Temperature**

Temperature is the relative warmth or coolness of a color.yellow

 Red,orange associated with the warmth of fire and sun.

Blue,green and

Violet connect in the mind’s eye with coolness of sea,sky and foliage.

