

GEOMETRY ART CLASSES MATERIALS LIST AND INFORMATION

This list gives supplies for all of Marney Babcock's geometry classes: **The Art of Geometry: Create Stunning Drawings with Universal Forms (#1959)**, **The Inspiration of Geometry: Drawing a Rose Window (#1960)**, and **The Elegance of Geometry: The Pentagon and Pentagram (#1957)**. See notes in the explanations below that alert you to any specific considerations for paper and pencils for the individual classes.

Many of the supplies can be purchased on line from Amazon, or Blick's. Meininger's, Guiry's or Michaels, local art supply stores, have most of the items. It is important to order whatever you may need, especially the compass, as soon as possible to have it in time for the class. You may already have some items at home that will be good enough.

Supply list:

\$10.00 - \$36.00	Compass
\$4.00 - \$12.00	Ruler
\$3.00	Pencil with hard lead (2H, 3H, or 4H) and sharpener or mechanical pencil with hard lead (2H, 3H, or 4H)
\$15.00	Erasers various sizes
\$15.00	Paper
\$6.00	2 Black Micron Marker .05 size
\$15.00	Colored Pencils
Or	
\$5.00	Brush Art Markers
\$68 - \$107	Total

Below is more detailed information about the supplies:

1. Compass:

- ◆ The most important parts of a compass are that as much of it as possible is metal
- ◆ That will make a circle with a 12" diameter opening to a 6" radius
- ◆ That has an extension beam to make circles with larger diameters
- ◆ That has an adapter that can be changed out with the compass arm that contains the lead point to be able to use marking pens, mechanical pencils, and colored pencils

The following are some brands of compasses that meet the criteria:

- A. **Mr. Pen Professional Metal Compass** with Wheel and Lock for Geometry, Drafting, Math, Drawing: \$9.95 (Amazon)
- B. **Staedtler brand Mars 552**: \$25-\$32 (Amazon)
- C. **Blick Geometry Compass set**: \$26.13 (Blick)

2. Straight edge or ruler:

- ◆ Any smooth straight edge or ruler
- ◆ Without any nicks

- ◆ Plastic or metal: at least one that is 12" and optional 18"
- I like to use a Ruler - 12" or 15" and an 18" flexible stainless steel with cork back:
 - A. Alvin: R590-12", 15" or 18": \$4-\$1**

3. Paper size depending on class:

Art of Geometry and Inspiration of Geometry classes:

- ◆ Mixed media or Bristol paper for pencil, marker, pen, light watercolor, heavy weight, smooth surface 14 x 17, pad of 15 to 20 sheets,

The following are some brands that I recommend:

- A. Bienfang Bristol Paper Smooth Surface 14 x 17, 146 lb Pad of 20 sheets: \$13**
- B. Strathmore Bristol Smooth Surface 300 Series Smooth 14 x17 Pad of 20: \$18.49**
- C. Canson XL Recycled Bristol 2 sides 14 x 17 Pad of 25 sheets: \$15.70**

Elegance of Geometry class:

- ◆ Mixed media paper vellum surface that can be used for pencil, marker, pen, light watercolor, heavy weight, smooth surface 11 x 14, pad of 15 sheets
 - A. Strathmore 400 Series Mixed Media Paper Vellum Surface 11 X 14, pad of 15 sheets: \$16**

4. Pencil with 2H lead and pencil sharpener:

- ◆ Hard lead is important so it won't smear
 - A. Staedtler Mars Lumograph Art. No. 100-2H: \$1 ea.**

5. Erasers – various sizes:

- A. Staedtler Mars Plastic Combi Eraser: \$3 (Larger eraser)**
- B. Tuff Stuff Eraser Stick: \$5-\$10 with refills (Medium eraser) or**
- C. General Pencil – Pencil Eraser + Refills Bundle – GPBM2-BP: \$15**
- D. Tombow 57317 MONO Zero Eraser w refills: \$10 (Smaller eraser)**

6. Micron Markers:

- ◆ Only need 1 or 2 black markers unless you would like to have more:
 - A. Six-pen set black (contains sizes #005,01,03,05,08): \$10**
 - B. Six-pen color set in size #05: \$18**
 - C. Single pens 05 size: 2.99 each**

7. Colored Pencils:

- A. Prismacolor 3596T Premier Colored Pencils, Soft Core: \$15**

Elegance of Geometry Class:

- A. Tombow Dual Brush Pen Art Markers in following colors: \$2.69 each**
 - Jet blue – 569**
 - Cyan – 493**