

GEOMETRY ART CLASSES MATERIALS LIST AND INFORMATION

Here is the materials list for all of Marney Babcock's geometry classes. They can be purchased on line from Amazon or Blick's or from local art supply stores like Meininger's, Guiry's or Michaels. You may have some items at home that will be good enough.

1. COMPASS

IMPORTANT INFORMATION:

1. The most important parts of a compass are that as much of it as possible is metal
2. It will make a circle with a 12" diameter opening to a 6" radius
3. It has an extension beam to make circles with larger diameters
4. It 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 Geometry Set Metal Compass, 7 pcs, Geometry Precision Tool Set with Shatterproof Storage Box, Drafting Tools & Drafting Kit** \$12.99 (Amazon)

NOTE: MAKE SURE IT IS THE RIGHT MR. PEN AS THERE ARE SEVERAL OTHERS W/O THE ATTACHMENTS

B. **Staedtler Comfort 4 Pc Metal 6" Quick Setting Compass Set, 552 02** \$30.00 (Amazon)

C. **Blick Geometry Compass set:** \$26.13 (Blick)

2. RULER OR STRAIGHT EDGE: 18" and 12"

- A. Any metal or plastic straight edge will do as long as it is smooth without any nicks
- B. I like the metal rulers with a cork backing

3. PENCILS

NOTE: PENCIL MUST HAVE HARD LEAD (2H or 3H) and sharpener

NOTE: SOFT LEAD SMEARS AND SMUDGES RESULTING IN MESSY DESIGNS

A. **Staedtler Mars Lumograph Art. No. 100-2H:** \$1 ea. **OR**

B. **Pentel mechanical pencil size 05 with hard lead** (lead hardness 2H or 3H)

4. ERASERS VARIOUS SIZES

A. **Staedtler Mars Plastic Combi Eraser:** \$3 (Larger eraser)

B. **Retractable Eraser Stick:** \$10 - \$12 with refills (Medium eraser)

<https://www.meininger.com/staedtler-mars-plastic-retractable-stick-eraser/#gallery>

OR

<https://www.amazon.com/General-Pencil-Pencil-Eraser-GPBM2-BP-GPBM2-3RBP>

C. **Tombow 57317 MONO Zero Eraser w refills:** \$10 (Smaller eraser)

<https://www.meininger.com/tombow-mono-zero-eraser-round>

5. DRAWING PAPER: 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 (Amazon)

B. **Bienfang White Drawing Bristol Pad Paper Smooth or Vellum Surface 11 x 14 - 146 lb. Pad of 20 sheets:** \$10 (Guiry's) (Meininger's)

ADDITIONAL INFORMATION:

1. If you wish to work larger you can use 14 x 17
2. It is important that the paper surface is smooth rather than rough

- 3. Mixed media paper can be used for pencil, marker, pen, light watercolor
- 4. You can use water color paper if it is hot press (not cold press)

6. TRACING PAPER: Pad of 50 sheets 11 x 14 or 14 x 17 or if you wish to work larger
\$8 - \$11

A. **Canson Foundation Series Fold Tracing Paper** – Pad of 50 sheets
<https://www.guirys.com/canson->

NOTE: IF YOU DO NOT WISH TO BUY A PAD OF DRAWING PAPER OR TRACING PAPER THEY WILL BE MADE AVAILABLE IN THE CLASS FOR A NOMINAL CHARGE

7. MULTI LINER PENS (Markers) SIZE 05

A. **Sakura Pigma Micron Fineliner Pens**

Six-pen set black (contains sizes #005,01,03,05,08): \$10 (Amazon)

Six-pen color set in size #03: \$11 (Amazon)

Single pens 05 size: 3.29 each

NOTE: It is important that the pen does not smear, won't bleed through the paper, is waterproof and fast drying

NOTE: Copic Multi Liner is another brand of fine line markers.

8. COLORED PENCILS

A. **Prismacolor 3596T Premier Colored Pencils set of 12 Soft Core:** \$12

9. MASKING TAPE OR DRAFTING TAPE

NOTE: Drafting tape has less tack so will not damage the paper when removed

Estimated Materials Cost: \$50 - \$100