

# THE NEW YORK BOTANICAL GARDEN

Course: Graphics 1

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Students will be utilizing several different drafting and drawing tools during this course. **The list will be reviewed during the first session but please have everything purchased beforehand.** The materials can be purchased at drafting stores, art supply stores or online at the following sites:

- [draftingsuppliesdew.com](http://draftingsuppliesdew.com)
  - [Utrechtart.com](http://Utrechtart.com)
  - [Misterart.com](http://Misterart.com)
  - [Dickblick.com](http://Dickblick.com)
  - [Jerrysartarama.com](http://Jerrysartarama.com)
  - [Carpediemstore.com](http://Carpediemstore.com)
  - [Amazon.com](http://Amazon.com)
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## **Materials List**

- 1 - plastic engineers scale – (Required for first session)
  - 1 - plastic architect scale – (Required for first session)
  - 1 - 10” adjustable triangle
  - 1 - 6” triangle
  - 1 - erasing shield
  - 1 - battery operated pencil sharpener
  - 1 - battery operated eraser
  - 1 - draftsman dusting brush
  - 1 - 12” flexible curve
  - 1 - geometry compass set - DEW Supplies
    - [Amazon.com](http://Amazon.com) : [Pacific Arc Quick Speed Bow Compass with Extension bar, Universal Adaptor, 6 inch Break Leg, and Replacement Lead : Artists Compasses : Office Products](http://Pacific Arc Quick Speed Bow Compass with Extension bar, Universal Adaptor, 6 inch Break Leg, and Replacement Lead : Artists Compasses : Office Products)
  - 1 - exacto knife #2
  - 1 - set of extra blades for exacto knife
  - 1 - circle templates of various sizes
  - 1 - square and triangle templates of various sizes
  
  - 1 - 14” alvin parallel glider -  
<https://www.draftingsuppliesdew.com/alvin-296-14-professional-parallel-glider>
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## DRAFTING UTENSILS:

- Drafting Pencils
  - OPTION ONE: **BUY INDIVIDUALLY**
  - 3-5 of each: H, 2H, 3H, HB
  - 2 of each: 4H, 2B, G314 Draughting Pencil
  
- OR... **BUY A SET of PENCILS**

[Amazon.com : Staedtler Mars Lumograph Art Drawing Pencils, 12 Pack Graphite Pencils in Metal Case, Break-Resistant Bonded Lead, 100 G12 : Wood Lead Pencils : Office Products](#)

[Staedtler Staedtler Mars Lumograph Design Set - 6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H - 100 G12BK \(draftingsuppliesdew.com\)](#)

[General Pencil Draughting Graphite Pencil #GPG314 \(draftingsuppliesdew.com\)](#)

- Set of “sketch pens”. MICRON pens or pigment pens. You should get a kit with at least 4 line widths. (.1mm,.3mm,.5mm,.7mm).

[Sakura Pigma Micron Black Pen Set 8-Piece Set \(30067\) \(draftingsuppliesdew.com\)](#)

- 2 - carmine red color pencils, prismacolor

[Sanford Col-Erase Pencils \(draftingsuppliesdew.com\)](#)

- Set of PRISMACOLOR colored pencils

[Sanford SANFORD Prismacolor Pencils 24 Color Set - PC953 \(draftingsuppliesdew.com\)](#)

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## PAPERS:

- 1 - roll of artist trace or sketch paper, yellow or white, 8 lb., 24” x 50 yards

[Seth Cole White Tracing Paper Rolls \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

- 1 - 24" roll of clearprint vellum

[Clearprint Vellum Roll 1000H - 24 x 20 yds. - 1010-1130 \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

### **OPTIONAL SUPPLIES:**

- 1 sheet of clearprint, single mat Mylar

[Grafix Drafting Film - 24" x 36" x .003", Matte, 1 Sided | BLICK Art Materials \(dickblick.com\)](http://dickblick.com)

### **RECOMMENDED SUPPLIES FOR OPTIMAL DRAFTING:**

- Portable Drafting Table (24" x 36") with parallel bar

[DEW Exclusive 24" x 36" Portable Drafting Board with Parallel Bar #PAXBK36 \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

- Portable Drafting Table (30" x 42") with parallel bar

[DEW Exclusive 30" x 42" Portable Drafting Board with PRO-Draft Parallel Bar #MUDXBK42 \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

- Vyco (Vinyl Covering) for desk – sizes vary depending on desk size

[Green/Cream Drafting Board Cover Sheets \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

- 24" T Square (metal) – sizes vary depending on desk size

[Pacific Arc Stainless Steel T-Squares \( \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)

- Overhead Lamp

[Alvin & Co. Tofino LED Desk Lamp #LED3-S \(draftingsuppliesdew.com\)](http://draftingsuppliesdew.com)