DRAWING MATERIALS

For Pencil Work. Drawing board (or baking board); drawing tablet; medium soft pencil (H. B.); soft eraser; thumbtacks; emery sharpener; penknife; soft cotton rag; portfolio; pencil holder; note book.

For Ink Work. Bristol board (plate finish) or pen and ink paper; hard pencil eraser; ink eraser (be careful of its use); two pen holders; two No. 170 Gillott pens; two No. 290 Gillott pens; one stub-pen; bottle Higgin's drawing ink (waterproof); small camel's hair brush (for ink); one sheet of tracing paper; one sheet of blotting paper.

For Water-color Work. Illustration board; sable hair brushes (No. 2 and No. 6); water colors in one-half pans as follows: Yellow ochre, gamboge, (x) indian yellow, (x) rose madder, madder brown, (x) light red, crimson lake, vermilion, orange vermilion, Payne's gray, Vandyke brown, burnt sienna, raw sienna, burnt umber, raw umber, (x) sepia, (x) Hunter's green, (x) Hooker's green (No. 1 and No. 2), ultramarine blue, cobalt, Prussian blue; tin box to hold more than these colors; lamp black (in a tube); Devoe's show card white (in a jar); Semple's white (in a jar).

There are many more good colors. The colors marked (x) may be omitted for the present. Greens can be mixed.

Useful Articles. Magnifying glass; diminishing glass; T-square; ruler with metal edge; ruling pen; compass; ink compass; art gum (to clean drawings); fixatif (to spray charcoal and pencil drawings); atomizer; small piece of blue glass (to study drawings through); kneaded eraser (for pencil or charcoal work); plumb line; raw potato (to clean pens); crayon pencils, No. 1, 2, 3, B.

When ruling a line in ink, place the ruler wrong side up along the pencil line, hold very steady and rule with the ruling pen. If a wide line is required, draw two lines and fill in between them with a brush or ruling pen.

Shaded drawings in black and white are rendered in pencil, charcoal, crayons, crayon pencils and oil or water color paint.

There are many kinds of papers in white and color. The student should try experiments with these papers, although certain papers are prepared for certain mediums.