

## PENMANSHIP

Is both a Science and an Art. The Science of Penmanship explains what constitutes the Principles of correct writing, while the Art explains how to execute the writing itself. In treating Penmanship as a science, three Principles present themselves :-

## LEGIBILITY, RAPIDITY, BEAUTY,

LEGIBILITY, or the quality in writing which makes it easily read, is of the greatest importance in all Penmanship, but more especially in writing Ledger Headings, Records, etc. Bold strokes and large letters are more easily seen than very small letters, with light strokes, though Beauty and Rapidity require that, in all ordinary writing, the majority of the sirokes should not be heavy or very large, as they have a blotty and elumsy iook. A Round Hand is more legfble than an Angular Hand, bot the old Round Hand is tod laborions for ordinary use. Letters should be well separated, but if widely separated, Rapidity of execution will be interfered with.
RAPIDITY of execution is almost. an indispensable requisite for a business man. The muacles of the fingers move more easily and rapidiy in light than in heavy strokes, and the hand is leas apt to cramp and get wearied from long writing. To write rapidly, the elangated hand must not be adopted on the one extreme, nor a running or sprawled hatd on the other, as the pen in both cases has to move over too much space to make each letter. Thesemi-angular band is more rapidly made than an entirely angular hand, as the pen glides, more easily around a slight carve than it does around a sharp abrupt turn. Rapidity requires a small, light, closely-kritten and semi-angular hand.
BEAUTY is of very great importance in Penmanship. Onrvature, especially in the capitals, should be free and full, not cramped or broken. The Ellipsis, or what is nearly the same, the Oral, is more beautiful than the Circle, which is a stiffer and more formal curve. Parallelism is carried ont by having all the down strokes in the same direction, all the up strokes in the sume direction, a little more slanted than the down strokes, and all the continuous curves thrown around equi-distant in all parts. This gives a fine harmony in the strokes of a page. Contrast of light and shaded strokes gives a spirited effect to writing. One shaded stroke, will offset several light strokes, and two or three shaded strokes will give a pleasing effect to even a long word. Smoothness comes from striking both prongs of the pen alike on the paper. Neatness is best promoted by the nse of a fine pen, by care in keeping small loops, as in small letter $e$, from running into a blot, and avoiding the crossing of shaded strokes.

## THE ART OF PENMANSHIP.

MOVEMENTS.-These consist of the Finger Movement, the Musoular Movement, the Arm Movement, and the Combination Movement.
The Finger movement is made with the fingers merely, the hand resting ouly on the two smaller fingers, and the arm resting on the table not over half way to the elhow. By experimenting, the pupil will see that the fingers are clogged in their motions, by resting the arm on the table as far up as the elbow, as some penmen direct. The finger movement is more eseact and rapid for the small alphabet than any other, b nervous and cramped in making the larger curved moy' of the capitals.

The Muscular movement is made by rolling t and forth on the muscles without moving the fing the arm from the table. It has niore freedom


Before beginning to write, study well the Instmetions on Penmandip, and get a clear idea of the reptivements of leatility. rapidity and beauty, the method of hoding the pen, the prosition, diferent styles of mowement, ete. If your marks are rush. it in a

 have a hard sarface to write on. To remedy thia last deamet, phace a soft, womoth paper uncer the single laf on which you write. and the pen will move mach more frecly, and will wear twice as long as ou a hard surface.

In makirg the siraight-line elenent use the finger nowement. or. if you chose, the finger and the muscular movements enmbine at, stitsing it with rather a quick stroke. Mako the shadid stroke first for awhle until you get the wen right: then the hair at roke, until you ret it ar



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Feults.-No. 1 is crunked. and not erenly shaded; No. 2 increases to. suddenly; No. 3 decreases two suddenly and airuptly; Nos. 4 and if have the lines running in the same mark; No. 5 and 7 have rounded instead of sharp turns; No. 8 has the up struke too far from the down stroke.

The stem should be made with the arn movement, as it is more beautifnl and rapid than with the other movements. But the best way to get proper control in the arm movement is to write up several sheets of paper in making the stem flourish, commencing about donbe the size given below, and gradually making it smaller as you get control of the arm. Carry the pen around in parallel lines, with contrast of light and shaded strokes and graceful curvature, making the oval about half as long again as it is broal. In this way you will " unloose the fatenings," and get a limberness and freedom of movement that will surprise yourself in a short time.

After this practice, take the stem element, as given in this copy, observing to put the siade opposite the oval, not at the top. This is an exceedingly important element, being the foundation for nineteen capitals, etc.
storn fionemote
Faults. - Nu. 1 has a hook at tie top and a cramped curr. at the (i) 6 bottom; No. 2 is shaded two high, has a stiff, straight form and spoils the oval at the bottom; No. 3 commences its shading abriptly, and is not brought around far enough; No. 4 has two shaded etrukes wotstier and the strokes are not parallel: Nos. 5 and 6 are crosed awkwardiy at the bottom.

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The $O$ element is made from outside inward in an opposite direction from the stem element, and should have parallel strokes, contrast of light and shaded lines, and a gracefully cursed oval form. Practice the $O$ flourish on loose sheets before the element, shading it sometimes on the inside and sometime's on the outside. The looped $O$ fiourish is the best practice for learning to make the looped $O$ element for those who prefer that style. After practicing the flouriah for some tiree, take the element in asmaller form.

OFhorrish


Leopatol Frourish




Fanlts.-No. 1 is top heavy and down strokes not parahlei; No. is shaded bluntly at the beginning, has a stiff straight line and bad curve; No. 3 has both down strokes shaded; No. 4 staded blantly at the end, and is too broad; No 5 is too narrow, and is badly curred.

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The $Q$ element is made from inside outward, and carries out the same principles of curvature, paralleliam, and centrast of light and shaded strokes as the foregoing.

Practice the flourish first on loose shects of paper, and then the elment. The atrokes of the looped $Q$ have less harmony of direction than those of the $Q$ element, and are, duubtless, leas beautiful, but have a loose freedom which some admire.


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Faults.-No. 1 has both down strokes shaded, and does not carry cins parallelism at the bottom; No. 2 has bad currature, and the down stre'ses are too far apart ; No. 3 has narrow, cramped movementa, and no paraliciism.

## 1os C Element



The Celement is made irom inside outw, rd in the opposite direction from the $/ \int$ eiement, and is made on the priticipes of parallelis:n. contrast of chading, and oval curvature.

As in the other three oval elements, the shaded stroke should be hoaviest half way down the oval, and should die away gradually fruit this puint. Practice the $C$ flourish thoroughly, as here given, before attempting much with the $C$ 'element.


Faults.-No. 1 does not bring the first inside stroke low enoug and the strokes are not parallel ; No. 2 is too stiff and narrow, and down strokes shaded; No 3 is too brond, etc


Write the letters $n$ and $u$ so that they can alrars be distingnished apart- $n$ being curved slightly at the top and $u$ at the botum. Separate the lettery sufficiently to make it clear where one leaves off and the next one leging. Be cr.reful to make the last part of these leiters as bigh ife the tint

direction; 2 has the gecoud $u$ morement tow short and too narrow. 3 stows how illerible the mere argular hand is, especially as it can he read in a great number of wars, such as $u m, m n, ~ u m$. $m u$, inn, inn, etc.; 4 is much better, just by means of curvature at the top, and must be ci her nun or mm . The lettera need to he separated by curved strokes at the brotom to be correct and legitie.

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movement, but less than the arm morement. To perform this best, the arm should rest on the table near the elbow.
The Arm movement is made by swinging the whole arm entirely raised from the table, excepting the small finger, which glides along on the paper and gives greater exactness to the motion. This is the most free and beartiful of all the movements, and should be used in all large movements and Capitals, with the exception, perhaps, of the straight-line element, which needs a little greater exactness. In curvature and shading it is so much more perfect than the finger movement, as to be distinguished from it without the least difficulty. The horizontal straight-line element, together with the curved elements and their flourishes, should be practised most thoroughly in this arm movement.

The Combination movement is the coupling of two movements at a time. The Muscular and Finger movements may frecquently be combined with advantage in small capitals and in a coarse small hand. The combination of the Arm and Finger movement should be avoided. The cimponnd movement consists of two or more strokes made without lifting the pen.

POSITION. - While adopting the arm or finger movement, sit with the left side to the desk. By resting the left arn, the body is kept from swinging about, while the right arm is left free and unincumbered in its movements by the friction of the desk. For the muscular movement, face the desk, ir; if you choose, sit with the right side a little to the desk, as the muscular action is best developed by resting the arm near the elbow. Whatever the position of the body may be, the arm should have about the same direction as the paper itsel $\ell$, while the body and bead should be as erect as pussible.
HOLDING THE PEN. - Hold the pen with a light pressme between the thumb and the first and second fingers, placing the second finger under the pen as far as the middle or top uf the nail, while the two smaller fingers are turned partly uniler the hand, so as to be out of the way of the larger ones. Point the pen in the direction in which you make the shaded mark, and let it face the same way, so that both prongs can strike the paper alike. In this way alme can smooth marks be made. With the ordinary slant this will make it point over the right shoulder. Let the pen lie down as much as possible, so that it will not catch and splatter in the up strokes.

## THE DEMANDS

of

## A TRUE SYSTEM OF PENMANSHIP.

1. It should be comprehensive, and yet simple.
2. Those styles of letters are best, other things being equal, which have the fewest strokes, without destroying beacty of form.
3. Beautiful letters do not necessarily require a superabundance of strokes.
4. Other things being equal, that system of Penmanship is hest which gives the most complete discipline of the Fingers, Muscles, and i.ms.
5. Penmanship should be treated as a Science, as well as an Art, and not as a matter of mere mechanical imitation.
6. The forms of letters shonld by no means always be ade after one unchanging model.
7. The advanced student should frequently be required to write without having a prepared copy before him,
8. One of the most effective ways of ineulcating fenmanslip, or any other branch of study, is to exhibit that which is wrong, as well as that which is right.

## BABBITTOYIAN PBNMANSHIP.

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