exercises on it．It is well，Jowever，for the teacher to draw the outlines of several oljects bounded by straight lines， upon the blackboard．and ldt the pupils notice tho kind of lines of which tho figures are composed，and the manner in which one line is added to another to buid them up．＇Ihe pupils may then bo led to see the purpose for which they are required to make lines，and why they should make them correctly．

Straight Lines＿－Theso lines may be made of different lengths；they may be perpendicular，horizontal，or inclined at different angles；they may converge，diverge，or run parallel ；or they may bo bisected，trisected，or divided into any required number of parts．

Combinations of two straight lines．－The following aro cxamples of these combinations ：－

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$\bar{C}$ Combinations of three straight lines．－Examples of this kind of combinations are the following：－

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Combinations of more than threc straighe lines．－Under this class may be included all triangles divided by a single straight line，squares，rectangles，rhombs，trapeziums，all kinds of polygons，and an immense number of other figures that can be made to farnish a great variety of lessons．

The imitation of real objects bounded ly straight lines．－ This class of exercises is intended to give pupils practice in initating the pictures of real objects bounded by straight lines．Among the hundreds of objects suitable for the pur－ pose，the following may be named as camples：boxes， books，blocks，posts，milestones，stools，tables，stars，crosses， doors，windows，houscs，castles，\＆c．

The invention of figures bounded by straight lines．－As drawing is not only an imitative hut a creative art，pupils should have practice in inveuting figures．The teacher may first exhibit a few original designs upon the blackboard． From these the papils will understand what is wanted；and if there is not soon an interested class，and eventually some fine work done，it will be contrary to experience．Problems jike the following may be assigned：given three，four，five， or any number of straight lines，to form a design of them； given a figure－a triangle，a square，or a parallelogram－to combine with straight lines；given one figure to combine with another，as triangle wilh triangle，triangle with square； squares，stars，hesagons，with one another．

Chried lines．－The following are a few examples：－

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Combinations of curced and straighe iines．－Examples of such combinations may be found in sections of circles，sec－ tions of ellinses，cones，cylinders，many of the letters of the alphabet，and thousnnds of objects．

The invention of figures bounded by curced or curred and straight lines．－This class of exercises opens a wide field for the display of ingenuity and taste．

Due Conchets Mithod，－Whe concreto is the most effective form in which knowledge can be communicated to children．Any teacher can try the experiment for himself， and he will find that whilo children will be delighted to spend hours every day in trying to draw blocks，posts， houses，cats，or cows，they will soon grow tired of making triangles or circles．Nature thus indicates that the first lessons in drawing should be on concrete forms．What if it be said that objects are not as simple as lines，or that it is impussible fur a child to draw them correctly，the answer is ready，that in this way they learn everything else．It will bo found that what is matural is the most effective．We are speaking of young papils；children over 15 years of age will not．show so great a preference for the concrete method．

The pictures of objects．－lt is more easy，and we think， more interesting，for children to dran the pictures of objecto than the objects themselves．The first lessons should con－ sist of the outlines of the simplest objects such as boxes， books，posts，gates，doors，houses，\＆c．；bnt，although more difficult，no harm can result from allowing children to attempt to draw cats，horses，fowls，dogs，\＆c．

Draving the pictures of objects from memory．－In the elass of exercises just given，it is presumed that the papils have cards or books from which they copy the pictures． This lone，it will be found of great advantage to reproduce them from memory．Drasing pictares from memory is more dificult than copying pictures；but its disciplinary advantages are proportionably greater．

Drawing real objects．－Having copied the picture of aus object，and reproduced it from memory，the pupil is well prepared to draw the object itself．The teacher will gene－ rally be able to provide model objects corresponding to the pictures upon the drawing cards．At any rate，abundance of suitable objects can be found．

Inventive Drawing．－Children may bo taught to draw objects and combinations of objects that are not copies of any thing they have ever seen，and even to design the sim－ plest kinds of monuments，gates，pleasure－grounds，land－ scapes，houses，\＆e．Indecd this kind of work is done by children who have been well taught，with intense interest ； and nothing can be better calculated to cultivate ingenuity， or give opportunity of growth to the budding imagination．

These four classes of exercises indicate all that is peculiar to this method．The method is peculiarly adapted to young children，and aims only to communicate a popular knowledge of the art of drawing．Pupils can now enter upon the analysis of forms and their composition，as contemplated in the abstract method，with great profit．Thus here，as every－ where else，principles will be found to underlie appear－ ances．The concreto method merely contemplates the imitation of appearances，whilst the abstract method con－ templates，in addition，the study of principles．With pupils who are prepared for it，the tro methods may be con－ bined．

After sufficient practice has been had in the preceding exercises，pupils should rececive lessons in shading，shadow， and perspective．The effect of shading will be readily ap－ preciated，if the teacher first dram the simple outline of an object，and then slade it．The pupils may then engage in imitating the shading of pictures，and finally，practice the shading of real objects．Nuch may be done in this way， according to the concreto method，to improve the papil＇s taste and increase his skill，before he could learn the general lams of optics upon which the distribution oi light depends． When the time comes for learning these laws，they mist be tanght and applied after the spirit of the abstract method， by beginning with the simplest and procceding to the more

