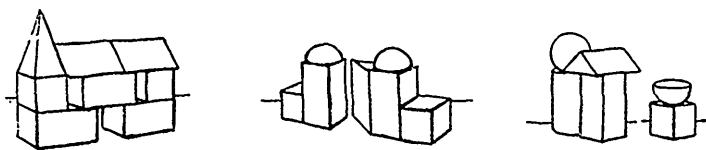


The children when coming to the primary school, and even when coming first to the kindergarten, have already done a great deal of form study of natural objects, and, wonderfully enough it seems to have been in the line of the simple primal type forms. The fruits in which the child takes so much delight are nearly all based upon the sphere. The child grasps the spheric object with pleasure, it having no edges and corners, hence the ball is a favorite plaything. To meet his constructive desire, cubic blocks are very early seen among his playthings. His study of cylindric forms and the pleasure of holding such objects seem to begin with the delightful rattle as well as with the stem of the bright flower. The child of two or three, therefore, has laid up large store of form impressions, but all are disconnected; by the representations of the type forms, those impressions are crystallized, and classification, that important result, may begin at this early stage; all spheric forms may now be studied with regard to likeness to, or difference from the sphere; cubic forms may be compared with the cube, and cylinder forms with the cylinder.

Moreover, as these types are types, they contain the essentials of form in all objects, and may stand for these objects, one type form standing for many objects. The child-mind in some way quickly seizes the essentials of form, and these essentials will readily build wonderful creations, and metamorphoses which parallel or perhaps outshine Cinderella and her wonderful coach. The sphere is not only a sphere, it is an apple, an orange, a ball; piles of these are arranged and imaginary feasts are spread; it is a kitten or a carriage, it runs so fast.

The cube may be a lump of sugar of which guests may partake to their heart's content, or a building block, firm and steady; the cylinder may be a roller for cookies or a roller for the street. The imagination will make it do for either. It may be a post, it may be a tall, tall tree, or a telegraph pole; it may be a candle, or it may be a cradle, or it may be a watering pot.



The square prism may be a brick; it may be a trunk, accompanied with all the delights of travel, of packing, or unpacking; it may be a box containing as many marvelous things as the chest of Pandora, or it is a cart, and if the horse