

algebra and botany had proved of no benefit, that they needed arithmetic first, drawing next. As clerks and artisans, with their families, constitute over three-quarters of the population of all towns, we should consider how our educational system fits them for their life-work. The mason, painter, engineer, boiler-maker, carpenter, in fact all workers in wood, stone or metal, need to learn drawing. Every clerk in a dry-goods, grocery, lumber mill, or foundry is a better clerk if he be quick at free-hand drawing. These clerks and artisans rarely need to use their botany or algebra studies. Clerks rarely use Latin or algebra, and the artisan never uses them. Why, then, should we devote about six hours per week to Latin, algebra and botany and only two hours per week to drawing? Not one mason in ten can give a correct sketch of a wall he is to lay. What carpenter can neatly outline the veranda he is building? What glazier can trace on paper the hot-house which he has agreed to build. How many stove-makers can picture the stove they made, or even the exact position of the pipe to the chimney? Where is the broad-axe man who can give