



## The Academy, a Journal of Secondary Education Volume 6 (Paperback)

By Associated Academic York

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1892 edition. Excerpt: .of applied science are taught as a basis of what has come to be considered a learned profession: that of the constructor; using that word in its highest sense. The engineer designs structures and machinery of all kinds, railroads, canals, bridges, highways, locomotives, steamships, mills, factories, engines, machine-tools, apparatus of electric light and power distribution, mining machinery. All the powers and energies of nature are by him reduced to service and compelled, through his constructions, to do duty for mankind. To do his work efficiently, he must be familiar with the principles of the higher mathematics, the laws and facts of the chemical and physical sciences, the most abstruse methods of applied mechanics. This means that he must be given an education, after and beyond that general and even liberal education which it is the ambition of every wise and earnest man to secure, which...



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