

thorough knowledge of the principles of the science, or he cannot possibly understand the practical operations. If he is ignorant of these principles, he has no business in the laboratory. In all industrial pursuits connected with the natural sciences, in fact, in all pursuits not simply dependent on manual dexterity, the development of the intellectual faculties, by what may be termed school learning, constitutes the basis and chief condition of progress and of every improvement.

"A young man, with a mind well-stored with solid scientific acquirements, will, without difficulty or effort, master the technical part of an industrial pursuit; whereas, in general, an individual who is thoroughly master of the technical part may be altogether incapable of seizing upon any new fact that has not previously presented itself to him, or of comprehending a scientific principle and its application."

Obituary.

Dr. White, Editor of the "*Cosmos*."

On Wednesday morning, the 27th of May last, we were on the steps of the S. S. White Dental Company, in Philadelphia, to pay a journalistic visit to Dr. James W. White, when a messenger met us with the news that he had just dropped dead at his residence, from heart failure. The shock to the community in which he had so philanthropically served his generation was apparent to a stranger, and the press of the city, without respect to politics, united in appreciative testimony to his personal and public character. As President of the Company, and Editor of the *Cosmos*, he was best known to the profession. Dr. White received the degree of M.D. at the University of Pennsylvania, and the honorary degree of D.D.S. was conferred on him by the Pennsylvania College of Dental Surgery, but he devoted most of his life to a business career, and a great share of his leisure to works of philanthropy.

The following resolution by Dr. Allport, in regard to the death of Dr. White, was passed at a meeting of the Chicago Dental Society, held Tuesday evening, June 2nd, 1891 :

Whereas, it hath pleased the Creator and final disposer of all things to remove from this world Dr. James W. White, of Philadelphia; and