came to Colet and to Erasmus as the gay scpetic in ness which makes a facile billard player or a facile whose company they could laugh down the superstitions | bookmaker. A child may pick up a knowledge of at of the time. It is by a strange turn of the wheel, whose least two languages in the nursery, by association with backward whirl a well-known Horatian maxim bids us a French or a German bonne, but the absence of any forecast, that the children of the Renaissance assail those very studies which alone can be called liberal. No commercial educationist of our time could possibly feel so much suspicion and dread of a young fellow with a either consistency or consecutiveness, if we omit from good knowledge of Greek, as did the average English calculation the authorities, the evidence, the art, the gentleman of the sixteenth century. Each in his place would heartily join with that old Rabbinical anathema, son Greek." And yet a very great man, who has touched more points in the circle of knowledge and experience, than many men can ever hope to do wrote the circle of knowledge and experience, were in the German forests or with Cocon of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of the circle of knowledge and experience, where the circle of knowledge and experience, were in the German forests or with Cocon of the circle of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of the circle of knowledge and experience, were in the German forests or with Cocon of the circle of the than many men can ever hope to do, wrote these words | land as he saw it. to a friend :-

"What I feel is, that the relation of pure science, of natural science, modern languages, modern history, and the rest, to the old classical training, ought to be founded on a principle, and that these competing branches of instruction ought not to be treated simply as importunate creditors, that take one shilling in the pound to day, becouse they hope to get one shilling in the pound to-morrow, and in the mean time have a recognition of their title.

"Its recognition of title is just what I would refuse: I deny their right to a parallel or equal position; their true position is ancillary, and as ancillary it ought to be limited and restrained without scruple as much as a regard to the paramount matter

of education may dictate.

"The truth I take to be, that modern European civilization, from the middle age downwards, is the compound of two great factors—the Christian religion for the spirit of man, and the Greek (and in a secondary degree the Roman) discipline for

his mind and intellect.....

"The materials of what we call classical training were prepared—and, we have a right to say, were advisedly and providentially prepared—in order that it might become..... the complement of Christianity in its application to the culture of the human being."—(Rt. Hon. W. E. Gladstone, Public Schools Commission Report, Vol. ii., p. 49.)

No one in our time will attempt to dispute that very bountiful culture may not be attained without intrinsic

knowledge of the classical authors.

But the truth being that, while the ideas of Greece and Rome have passed into our literature to such a degree that no student can fail to imbide their influence, there is not always individual need of reference to the sources and springs of literary inspiration. Hence they are the common heritage of all educated men—of him who has learnt the Greek geometry and builds a bridge, and of him who exemplifies the fire and pathos of tragic composition. The material ideas of Athens and of Rome are now in the very pulse of culture.

But as the highest culture goes beyond ideas to their ultimate form, and as these ideas must be sought for in the exquisite shapes of their original diffusion, and as language has his share of art, and is capable of being made intrinsically beautiful, so must the highest education be sought in the medium of these studies.

The common run of feeling being, however, that these studies are not "useful," let us search for the useful in what remains. There remain only Mathematics and Natural Science. For the abolition of the severe study of the ancient languages, with their collateral topics abolishes also the study of modern languages. topics, abolishes also the study of modern languages, topics, abolishes also the study of modern languages, rejoinders it evoked, all that could be said in their and with them the muse of History. No one will contend favour was said by Whewell, and De Morgan, and Mill. that the acquisition of French or German, in the way that they can be most easily acquired, constitutes an this as on other topics, there are passages in his apology education. A courier who initiates travellers into the for Mathematics fraught with instruction. ways and doings of some fereign town, is often very facile in six languages, and lives by that knowledge; but somehow we have grown to associate a great facility

effort in acquisition deprives the process of any educational value.

History, as a severe study, cannot be prosecuted with religion of a thousand years. Clio cannot remain with those who have expelled the Homeric narrative equally

In Mathematics, however in its early branches, the apostles of Useful Education claim to find something sound and reliable. But it is not quite clear that the object is surely attained. That Mathematics have been made in England the sole means of culture in the early stages of education, does not come within my knowledge; but that the attempt has been seriously made elsewhere, appears from the following remarks of the late Mgr.

says :-

"Mathematics are often a study too laborious, too hard for

Dupanloup. Speaking of the Ecole Polytochnique, he

these young scholars.....
"Beyond all doubt, Mathematics give consistency to, and ripen, by vigorous and useful exercise, by their toilsome intellectual gymnastics, reflexion, judgment, reasoning powers; but they require absolutely that these faculties already possess a certain vigour and development, otherwise they crush them .....Always, when Mathematies are allowed to have a despotic

or premature influence in education, the result is disastrous.

"Not only do they obliterate from the mind the grace, brilliancy, generous sentiments and kindly feeling, due to imagination and poetical feeling, but they destroy the sense of

moral justice....

"These are disastrous results.....and what do we gain by incurring them? We often make the mathematician at the expense of the man.....and often we have, perforce, to regret the absence of both the mathematician and the man.

If education is intended to adapt men for the world, Mathematics minister to the result feebly. There are hundreds of daily events it is impossible to force into mathematical relationship. The very rigidity and accuracy of the study are drawbacks. It is no use trying to adapt methods, that must eventuate in neat solutions or nothing, to the habits of a being whose ordinary life is a series of petty uncertainties. "Mathematics," it has been well said, "have been brought into matters where their presence is of doubful utility. If they have given precision to literary style, that precision has been sometimes carried to excess. If they have tended to clearness of expression in Philosophy, that years clearness. clearness of expression in Philosophy, that very clearness has sometimes given an appearance of finality not always true. If they have contributed to definition in Theology, this definiteness has often been fictitious, and

Taking Mill as the foremost opponent of Hamilton on

"Descartes," says Mill ("Mill on Hamilton," p. 610 ff.), "is the completest type history presents of the purely mathematical type of mind, that in which the tendencies produced by in Continental languages with the same sort of clever- mathematical cultivation reign unbalanced and supreme. This