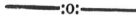


TEXT BOOKS.



EUCLID (*Todhunter.*)

ARITHMETIC (*printed notes by Lt. Col. Kensington, R. A.*)—Together with Smith and McMurchy or any other approved text-book. Scales of notation and mercantile arithmetic are omitted.

ALGEBRA (*printed notes by Lt. Col. Kensington, R. A., Todhunter's Elementary; and Todhunter.*)—The latter only for the more advanced students.

LOGARITHMS (*Chambers' or other tables*)—Thorough practical use of Logarithms.

PLANE TRIGONOMETRY (*Todhunter.*)

SPHERICAL TRIGONOMETRY (*Todhunter.*)

CONIC SECTIONS (*Todhunter and printed notes by Lt. Col. Kensington, R. A.*)—This subject is taught almost entirely by lecture, geometrical proofs being given whenever practical and easy. The course is founded to some extent on Salmon's conic sections.

DIFFERENTIAL CALCULUS (*Williamson.*)

INTEGRAL CALCULUS (*Williamson.*)

STATICS AND DYNAMICS (*Todhunter's Mechanics for beginners*)—The most advanced students are instructed further by lectures grounded on Todhunter's Analytical Statics, Tait's Dynamics, and other standard works, free use being made of the calculus.

STATICAL PROBLEMS SOLVED BY CONSTRUCTION (*Tracts on Mechanics by Crofton and Kensington.*) *Work and Energy* (*Tracts on Mechanics*)—Special reference to artillery problems.

ROTATIONS considered geometrically without text books up to the resultant motion of an elongated projectile.

HYDROSTATICS (*Besant's Elementary*)—Special machines used in the Royal Artillery. Higher course of lectures with the use of the calculus.

MENSURATION—Without text book.