



Medieval Science and Technology (Hardback)

By Elspeth Whitney

ABC-CLIO, United States, 2004. Hardback. Book Condition: New. annotated edition. 236 x 162 mm. Language: English . Brand New Book. Medieval science and technology was firmly rooted in Aristotelian explanations of the physical world. This book begins by introducing the basic concepts of the classical tradition, and explains how these ideas were promulgated by the ancient Greeks, preserved and commented on by the great Muslim scholars of the early middle ages, and finally transmitted to western Europe as that region began to grow and expand around 1100 C.E. Specific avenues of inquiry such as astronomy and astrology, optics, chemistry and alchemy, zoology, geography, and medicine are described on their own terms. Rounding out the work is a discussion of the many technological innovations of the medieval age, such as mechanical clocks, firearms, and the blast furnace, that profoundly altered the course of European and world history. Biographical sketches provide insight into the lives and accomplishments of 20 men and women, Christian, Muslim, and pagan, whose works profoundly shaped the era's scientific spirit. Eleven annotated key primary documents afford a fascinating glimpse into how the best minds of the time posed their questions and their answers. An annotated timeline, glossary...



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