

Contents

Medicine	1
Yuqun Liao	
1 Lecture 1 Overview of Traditional Chinese Medicine.	1
2 Lecture 2 TCM Classics and Celebrated Masters	57
3 Lecture 3 Sino-Overseas Exchanges of Medicine	96
References.	157
 The Four Great Inventions	161
Jialu Fan, Qi Han, Zhaochun Wang and Nianzu Dai	
1 Lecture 1 Invention, Development, and Influences of Papermaking Technology	161
2 Lecture 2 Printing	194
3 Lecture 3 The Invention of Gunpowder and Its Influence on the World.	239
4 Lecture 4 The South-Pointing Needle and Compass.	270
 Ceramics Technology	301
Wenjie Li	
1 Preface	301
2 Lecture 1 History of Pottery-Making Technologies in Ancient China	302
3 Lecture 2 History of Porcelain-Making Technology in Ancient China	354
4 Conclusion.	376
References.	377

Weaving Technology 379

Feng Zhao

1 Lecture 1 Overview of Weaving Technology in China 379

2 Lecture 2 Looms and Fabric Varieties 404

3 Lecture 3 The Silk Road and Textile Culture

 Exchange Between East and West 459

References. 493



<http://www.springer.com/978-3-662-44165-7>

A History of Chinese Science and Technology

Volume 2

Lu, Y. (Ed.)

2015, XV, 493 p. 344 illus., Hardcover

ISBN: 978-3-662-44165-7