Chapter 8
Changes in the World of Ideas

Further reading


Religion

- Pope Pius IX, *Encyclical The Syllabus of Errors* (1864)
- Ernest Renan, *The Life of Jesus* (1863)

Both documents may most easily be accessed via

http://www.fordham.edu/halsall/mod/modsbook37.html, Religion in the Face of Modernity – Catholicism – The Popes; Protestantism – Biblical Criticism
Literature


Music

The following suggestions may be found on various web sites, notably iTunes and Spotify. They have been selected to reveal both the continuities in the European musical tradition and the innovations introduced in the nineteenth century.

(a) Symphonies:

- W.A. Mozart, Symphonies No. 38 (the *Prague*), in D, K504, 1786; No. 39 in E. flat, K 543, 1788; No. 40 in G minor, K. 550; No 41 (the *Jupiter*), K551, 1788
- Ludwig van Beethoven. Symphony No 3 in E flat (the *Eroica*), 1895; Symphony no 6 in F (the *Pastoral*) 1808
- Franz Schubert, Symphony No. 8 in B minor (the *Unfinished*), 1822

(b) String Quartets (two violins, viola and ’cello)

- W.A. Mozart, String Quartet No 19 in C (the *Dissonance*), 1785
- J. Haydn, String Quartet, op.76 , in C (the *Emperor*), 1797
- Ludwig van Beethoven, String Quartet No 14 in C sharp minor, op. 131, 1826
- Franz Schubert, No 14 in D minor (*Death and the Maiden*), 1824

(c) Songs:

- Franz Schubert, *Erlkonig*, 1815; *An die Musik*, 1817; *Wintereise* (Song Cycle), 1823-4
- Robert Schumann, Song cycles, *Frauenliebe und Leben*, 1840; *Dichterliebe*, 1840

Art


For the following individual paintings: [http://abcgallery.com/alfaind.html](http://abcgallery.com/alfaind.html)


From the computer to democracy, the free market to Charles Darwin's theory of evolution by natural selection, the top ten ideas in the world. But the invention of the computer would not have been possible without parallel developments in logic in the 20th century by philosophers such as Bertrand Russell and Ludwig Wittgenstein. To build a machine that calculates with ideas, we have to understand the forms of reasoning into which ideas fit. 2. The Copernican revolution. The recognition that the Earth orbits the Sun (and not vice versa) arguably marks the start of the modern era. The Polish astronomer Nicolaus Copernicus gave the first clear statement of this in 1543: human beings and their planet were no longer the centre of everything. What ideas do you think changed the world? 1. Farming. Ask people what the most important historical revolution is and their answers might include: the Industrial Revolution, the Information Revolution, or maybe even the French Revolution. But without the Neolithic Revolution, none of the above would have taken place. Although not all the freedoms available on the Internet are positive, the fact that in the present anyone can be, for example, a journalist, a DJ or a filmmaker is changing how we live daily. Only time will tell, however, the full impact of this revolution on human society. 8. Soap. Difficult to imagine, or for that matter, smell, a society without soap. However, will these ideas actually make your essay exciting? Will they help you stand out? Definitely not! Every idea should be supported by details or appropriate examples. In the rest of the body paragraph, you should explain why these examples prove your thesis. Use helpful transition words to naturally lead the reader to the following paragraph.