Some Past Literature Review Topics

Some students selected multiple topics and wrote two or so pages on each topic, to get to the required 6 pages.

Not all of these are easy topics … some are quite challenging. Be sure to write me, to get an “okay” on your topic.

1. Toxic Plants with Medicinal Uses …or just “Plants” with Medicinal Uses
2. Fuels, Their Composition, Combustion and Consequences
3. Chemistry Affecting Your Car: Rusting and Air Bags
4. Chemistry in My Medicine Cabinet … (3 or 4 different over-the-counter items, or prescriptions …with 1.5 to 2 pages on each one)
5. The Role of Vitamins, (e.g. Vitamins A, C, D, K, B12, Folic Acid [B9]…)
6. Acid Precipitation
7. Chemistry of Gunpowder and More Advanced Propellants
8. Ocean Acidification
9. Neurotransmitters and Our Emotions
10. Selective Serotonin Reuptake Inhibitors (SSRIs) and Depression
11. Chocolate and Caffeine
12. A Study of Certain Elements and Their Uses
13. The Chemistry of Ritalin
14. The Chemistry of Expansion and Contraction of Wood in Musical Instruments
15. The Chemistry of Forensics
16. The Chemical Activity of Fertilizers
17. The Chemistry of Various Toxins: Arsenic, Cyanide Gas and Venoms
18. The Chemistry of Hair Dye
19. Plastics and Polymers
20. Pheromones
21. The Chemistry of Fireworks
22. The Chemistry of Beer, Ale, Lager
23. The Chemistry of Dyes and Lakes Used in the Visual Arts
24. The Distillation of Crude Oil
25. Glucose, Maltose and Fructose
26. Ionizing Radiation vs. Non-Ionizing Radiation
27. Cannabis: THC, and CBD Oil
28. Caffeine, Methamphetamines, Cocaine
29. The Chemistry of Snake Venoms
30. The Chemistry of Medicinal Spices; Cinnamon, Ginger and Turmeric
31. Atmospheric Chemistry: Ozone and Climate Change
32. Why Eating a Monarch Butterfly Causes Heart Palpitations in Birds
33. The Chemistry of Some Chemical Defenses of Plants/Animals
34. Four of the Most Common Metal Ions in Our Body / What Do They Do?
35. Hydrogen Fuel Cells and Energy
36. The Biochemically Similarities and Differences Between Women and Men
37. How Do the Engines of Satellites Create Thrust?
38. The Chemistry of Hair, Volumizing Shampoo and pH-Balanced Shampoo
39. How Do Salicylic Acid and Benzoyl Peroxide Fight Pimples?
40. What’s in paint?