

100-199 CHEMISTRY, BIOCHEMISTRY

Study of nature and composition of matter and laws governing it--including: soil, physical, organic, inorganic materials, plastics, fuels, pesticides, metallurgy. Chemistry of life processes--molecular biology, molecular genetics, enzymes, photosynthesis, blood chemistry, protein chemistry, food chemistry, hormones, etc.

200-299 EARTH AND ENVIRONMENTAL SCIENCE

Soils, geology, mineralogy, physiography, meteorology, climatology, seismology, geography, ecology. How the environment (air, water and land) affects agriculture or how agriculture impacts our environment.

300-399 ZOOLOGY

Study of animals--animal genetics, ornithology, ichthyology, herpetology, entomology, animal ecology, paleontology, cellular physiology, circadian rhythms, animal husbandry.

400-499 BOTANY

Study of plant life--agriculture, agronomy, horticulture, forestry, plant taxonomy, plant physiology, plant pathology, plant genetics, hydroponics, algae, etc.

500-599 ENGINEERING AND TECHNOLOGY

Projects that directly apply to scientific principles to manufacturing and practical uses--civil, mechanical, aeronautical, chemical, electrical, photographic, sound, automotive, marine, heating and refrigeration, transportation, environmental engineering, etc.

600-699 HEALTH, MEDICINE, MICROBIOLOGY

Study of diseases and health of humans and animals--dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, blood chemistry, protein chemistry, food chemistry, hormones etc. Biology of micro-organisms--bacteriology, virology, protozoology, fungi, bacterial genetics, yeast.

700-799 PHYSICS

Theories, principles, and laws governing energy and the effects of energy on matter--solid state, optic, acoustics, particle, nuclear, atomic, plasma, superconductivity, fluid and gas dynamics, thermodynamics, semiconductors, magnetism, quantum mechanics, biophysics, etc.