



Fair Categories

Botany: Study of plant life. Agriculture, agronomy, horticulture, forestry, plant taxonomy, plant physiology, plant pathology, plant genetics, hydroponics, algae, etc.

Chemistry: Study of the composition of matter and laws governing it. Physical chemistry, organic chemistry, inorganic chemistry, materials, plastics, fuels, metallurgy, soil chemistry, etc.

Earth/Space: Study of the universe. Geology, mineralogy, physiographic, oceanography, meteorology, astronomy, seismology, geography, geophysics, etc

Energy & Transportation: Study of the energy and transporation. Aerospace and Aeronautical Engineering, Aerodynamics, Alternative Fuels, Fossil Fuel Energy, Vehicle Development, Renewable Energies, etc.

Engineering and Computer Science: Technology projects that directly apply scientific principles practical uses. Civil, mechanical, manufacturing, aeronautical, chemical, electrical, sound, automotive, heating and refrigerating, transportation, environmental engineering, etc.

Environmental: Study of pollution sources and their control Ecology, recycling, acid rain etc

Math/Physics: Development and application of numerical computations\ theories, principles and laws governing energy also includes computer sciences. Calculus, geometry, abstract algebra, number theories, statistics, complex analysis and probability. Solid state, optics,

Medical/Health: Study of disease and health of humans and animals. Dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, dermatology, allergies, speech and hearing, etc.

Microbiology: Biology of microorganisms. Bacteriology, virology, fungi, bacteria, yeast, etc.

Social/Behavioral: Study of human & animal behavior and relationships. Psychology, sociology, anthropology, archaeology, linguistics, learning, perception, public opinion surveys, effects of stress, conditioned responses, etc.

Zoology: Study of animals. Animal genetics, ornithology, entomology, animal ecology, paleontology, cytology, histology, animal physiology, invertebrates, etc.