

StanFan Tech's 2013 World Science Fair Accepted Science Projects

Behavioral and Social Sciences

The science of human activities.

Examples: economics, anthropology, psychology, sociology, archeology

Biochemistry

The science of the chemical processes of living things.

Examples: Molecular biology, cell metabolism, genetic code, biological psychiatry, pharmacology

Botany

The science of plants.

Examples: agriculture, horticulture, forestry, floriculture, arboriculture

Chemistry

The science of the properties, compositions and reactions of matter.

Examples: organic chemistry, inorganic chemistry, physical chemistry, metallurgy

Computer Science

The study of computers including their use, operation and design.

Examples: software development, computer engineering, artificial intelligence, simulations, graphics

Earth and Space Sciences

The science of the earth and the science of the universe.

Examples: astronomy, geology, seismology, physical oceanography, meteorology

Engineering

The application of scientific knowledge for practical use.

Examples: civil, electrical, chemical, mechanical and petroleum engineering

Environmental Sciences

The study of the conditions that influence life on earth.

Examples: air and water pollution, population growth, extinction of species, depletion of vital resources, climate changes

Gerontology

The study of the process of aging and the problems of the elderly.

Examples: geriatrics, social gerontology, psychological gerontology

Mathematics

The study and application of the logical relations of sets.

Examples: arithmetic, algebra, geometry, statistics, operations research, calculus.

Medicine and Health

The science of preventing, diagnosing and treating diseases.

Examples: Cardiology, ophthalmology, nutrition, dermatology, oncology, internal medicine, pediatrics

Microbiology

The science of microorganisms.

Examples: bacteriology, virology, protozoology

Physics

The science of matter and energy.

Examples: statics, dynamics, electricity, magnetism, light, thermodynamics, and atomic, nuclear and solid state physics

Zoology

The science of animals.

Examples: ornithology (birds), herpetology (reptiles and amphibians), Mammalogy (mammals), ichthyology (Fish), entomology (insects)