
English Knowledge Base Category Hierarchy

This document provides a list of all the concepts in the knowledge base that serve as categories.

This document divided into six sections, corresponding to the six main branches of the knowledge base:

- [Branch 1: science and technology](#)
- [Branch 2: business and economics](#)
- [Branch 3: government and military](#)
- [Branch 4: social environment](#)
- [Branch 5: geography](#)
- [Branch 6: abstract ideas and concepts](#)

The categories are presented in an inverted-tree hierarchy and within each category, sub-categories are listed in alphabetical order.

Note: This document does not contain all the concepts found in the knowledge base. It only contains those concepts that serve as categories (meaning they are parent nodes in the hierarchy).

Branch 1: science and technology

[1] communications

- [2] **journalism**
 - [3] broadcast journalism
 - [3] photojournalism
 - [3] print journalism
 - [4] newspapers
- [2] **public speaking**
- [2] **publishing industry**
 - [3] desktop publishing
 - [3] periodicals
 - [4] business publications
 - [3] printing
- [2] **telecommunications industry**
 - [3] computer networking
 - [4] Internet technology
 - [5] Internet providers
 - [5] Web browsers
 - [5] search engines
 - [3] data transmission
 - [3] fiber optics
 - [3] telephone service

[1] formal education

- [2] **colleges and universities**
 - [3] academic degrees
 - [3] business education
- [2] **curricula and methods**
- [2] **library science**
- [2] **reference books**
- [2] **schools**
- [2] **teachers and students**

[1] hard sciences

- [2] **aerospace industry**
 - [3] satellite technology
 - [3] space exploration
 - [4] Mars exploration
 - [4] lunar exploration
 - [4] space explorers
 - [4] spacecraft and space stations
- [2] **chemical industry**
 - [3] chemical adhesives
 - [3] chemical dyes
 - [3] chemical engineering

- [3] materials technology
 - [4] industrial ceramics
 - [4] metal industry
 - [5] aluminum industry
 - [5] metallurgy
 - [5] steel industry
 - [4] plastics
 - [4] rubber
 - [4] synthetic textiles
- [3] paints and finishing materials
- [3] pesticides
 - [4] fungicides
 - [4] herbicides
- [2] **chemistry**
 - [3] chemical properties
 - [3] chemical reactions
 - [3] chemicals
 - [4] chemical acids
 - [4] chemical elements
 - [4] molecular reactivity
 - [4] molecular structure
 - [3] chemistry tools
 - [4] chemical analysis
 - [4] chemistry glassware
 - [4] purification and isolation of chemicals
 - [3] organic chemistry
 - [3] theory and physics of chemistry
- [2] **civil engineering**
 - [3] building architecture
 - [3] construction industry
 - [4] building components
 - [5] exterior structures
 - [6] entryways and extensions
 - [6] landscaping
 - [6] ornamental architecture
 - [6] roofs and towers
 - [6] walls
 - [6] windows
 - [5] interior structures
 - [6] building foundations
 - [6] building systems
 - [7] electrical systems
 - [7] fireproofing and insulation
 - [7] plumbing
 - [6] rooms
 - [4] buildings and dwellings
 - [5] outbuildings
 - [4] carpentry
 - [4] construction equipment

- [4] construction materials
 - [5] paneling and composites
 - [5] surfaces and finishing
- [2] **computer industry**
 - [3] computer hardware industry
 - [4] computer components
 - [5] computer memory
 - [5] microprocessors
 - [4] computer peripherals
 - [5] data storage devices
 - [4] hand-held computers
 - [4] laptop computers
 - [4] mainframes
 - [4] personal computers
 - [4] workstations
 - [3] computer science
 - [4] artificial intelligence
 - [3] computer security and data encryption
 - [4] computer viruses and protection
 - [3] computer software industry
 - [4] CAD-CAM
 - [4] client-server software
 - [4] computer programming
 - [5] programming development tools
 - [5] programming languages
 - [4] operating systems
 - [3] computer standards
 - [3] cyberculture
 - [3] human-computer interaction
 - [3] information technology
 - [4] computer multimedia
 - [5] computer graphics
 - [5] computer sound
 - [5] computer video
 - [4] databases
 - [4] document management
 - [4] natural language processing
 - [4] spreadsheets
 - [3] network computing
 - [3] supercomputing and parallel computing
 - [3] virtual reality
- [2] **electrical engineering**
- [2] **electronics**
 - [3] consumer electronics
 - [4] audio electronics
 - [4] video electronics
 - [3] electronic circuits and components
 - [4] microelectronics
 - [4] semiconductors and superconductors
 - [3] radar technology

- [2] **energy industry**
 - [3] electric power industry
 - [3] energy sources
 - [4] alternative energy sources
 - [4] fossil fuels industry
 - [5] coal industry
 - [5] petroleum products industry
 - [4] nuclear power industry
- [2] **environment control industries**
 - [3] heating and cooling systems
 - [3] pest control
 - [3] waste management
- [2] **explosives and firearms**
 - [3] chemical explosives
 - [3] firearm parts and accessories
 - [3] recreational firearms
- [2] **geology**
 - [3] geologic formations
 - [3] geologic substances
 - [4] mineralogy
 - [5] gemstones
 - [5] igneous rocks
 - [5] metamorphic rocks
 - [5] sedimentary rocks
 - [3] hydrology
 - [3] meteorology
 - [4] atmospheric science
 - [4] clouds
 - [4] storms
 - [4] weather modification
 - [4] weather phenomena
 - [4] winds
 - [3] mining industry
 - [3] natural disasters
 - [3] oceanography
 - [3] seismology
 - [3] speleology
 - [3] vulcanology
- [2] **inventions**
- [2] **life sciences**
 - [3] biology
 - [4] biochemistry
 - [5] biological compounds
 - [6] amino acids
 - [6] enzymes
 - [6] hormones
 - [7] androgens and anabolic steroids
 - [7] blood sugar hormones
 - [7] corticosteroids

- [7] estrogens and progestins
- [7] gonadotropins
- [7] pituitary hormones
- [7] thyroid hormones
- [6] lipids and fatty acids
- [6] nucleic acids
- [6] sugars and carbohydrates
- [6] toxins
- [6] vitamins
- [5] cell reproduction
- [5] cell structure and function
- [5] molecular genetics
- [4] botany
 - [5] algae
 - [5] fungi
 - [5] plant diseases
 - [5] plant kingdom
 - [6] ferns
 - [6] flowering plants
 - [7] cacti
 - [7] grasses
 - [6] mosses
 - [6] trees and shrubs
 - [7] conifers
 - [7] deciduous trees
 - [7] palm trees
 - [5] plant physiology
 - [6] plant development
 - [6] plant parts
- [4] lower life forms
 - [5] bacteria
 - [5] viruses
- [4] paleontology
 - [5] dinosaurs
- [4] physiology
 - [5] anatomy
 - [6] cardiovascular systems
 - [6] digestive systems
 - [6] extremities and appendages
 - [6] glandular systems
 - [6] head and neck
 - [7] ear anatomy
 - [7] eye anatomy
 - [7] mouth and teeth
 - [6] immune systems
 - [7] antigens and antibodies
 - [6] lymphatic systems
 - [6] muscular systems
 - [6] nervous systems
 - [6] reproductive systems

- [6] respiratory systems
- [6] skeletal systems
- [6] tissue systems
- [6] torso
- [6] urinary systems
- [5] reproduction and development
- [4] populations and vivisystems
 - [5] biological evolution
 - [5] ecology
 - [6] ecological conservation
 - [6] environmental pollution
 - [5] genetics and heredity
- [4] zoology
 - [5] invertebrates
 - [6] aquatic sponges
 - [6] arthropods
 - [7] arachnids
 - [8] mites and ticks
 - [8] scorpions
 - [8] spiders
 - [7] crustaceans
 - [7] insects
 - [6] coral and sea anemones
 - [6] jellyfish
 - [6] mollusks
 - [7] clams, oysters, and mussels
 - [7] octopi and squids
 - [7] snails and slugs
 - [6] starfish and sea urchins
 - [6] worms
 - [5] vertebrates
 - [6] amphibians
 - [6] birds
 - [7] birds of prey
 - [8] owls
 - [7] game birds
 - [7] hummingbirds
 - [7] jays, crows, and magpies
 - [7] parrots and parakeets
 - [7] penguins
 - [7] pigeons and doves
 - [7] warblers and sparrows
 - [7] water birds
 - [8] ducks, geese, and swans
 - [8] gulls and terns
 - [8] pelicans
 - [7] woodpeckers
 - [7] wrens
 - [6] fish

- [7] boneless fish
 - [8] rays and skates
 - [8] sharks
- [7] bony fish
 - [8] deep sea fish
 - [8] eels
 - [8] tropical fish
- [7] jawless fish
- [6] mammals
 - [7] anteaters and sloths
 - [8] aardvarks
 - [7] carnivores
 - [8] canines
 - [8] felines
 - [7] chiropterans
 - [7] elephants
 - [7] hoofed mammals
 - [8] cattle
 - [8] goats
 - [8] horses
 - [8] pigs
 - [8] sheep
 - [7] hyraxes
 - [7] marine mammals
 - [8] seals and walruses
 - [9] manatees
 - [8] whales and porpoises
 - [7] marsupials
 - [7] monotremes
 - [7] primates
 - [8] lemurs
 - [7] rabbits
 - [7] rodents
- [6] reptiles
 - [7] crocodilians
 - [7] lizards
 - [7] snakes
 - [7] turtles
- [3] biotechnology
 - [4] antibody technology
 - [5] immunoassays
 - [4] biometrics
 - [5] voice recognition technology
 - [4] genetic engineering
 - [4] pharmaceutical industry
 - [5] anesthetics
 - [6] general anesthetics
 - [6] local anesthetics
 - [5] antagonists and antidotes
 - [5] antibiotics, antimicrobials, and

- antiparasitics
 - [6] anthelmintics
 - [6] antibacterials
 - [7] antimalarials
 - [7] antituberculars and antileprotics
 - [6] antifungals
 - [6] antivirals
 - [6] local anti-infectives
- [5] antigout agents
- [5] autonomic nervous system drugs
 - [6] neuromuscular blockers
 - [6] skeletal muscle relaxants
- [5] blood drugs
- [5] cardiovascular drugs
 - [6] antihypertensives
- [5] central nervous system drugs
 - [6] analgesics and antipyretics
 - [6] antianxiety agents
 - [6] antidepressants
 - [6] antipsychotics
 - [6] narcotic and opioid analgesics
 - [6] nonsteroidal anti-inflammatory drugs
 - [6] sedative-hypnotics
- [5] chemotherapeutics, antineoplastic agents
- [5] dermatomucosal agents
 - [6] topical corticosteroids
- [5] digestive system drugs
 - [6] antacids, adsorbents, and antiflatulents
 - [6] antidiarrheals
 - [6] antiemetics
 - [6] antiulcer agents
 - [6] digestants
 - [6] laxatives
- [5] eye, ear, nose, and throat drugs
 - [6] nasal agents
 - [6] ophthalmics
 - [7] ophthalmic vasoconstrictors
 - [6] otics, ear care drugs
- [5] fluid and electrolyte balance drugs
 - [6] diuretics
- [5] hormonal agents
- [5] immune system drugs
 - [6] antitoxins and antivenins
 - [6] biological response modifiers
 - [6] immune serums
 - [6] immunosuppressants
 - [6] vaccines and toxoids
- [5] oxytocics

- [5] respiratory drugs
 - [6] antihistamines
 - [6] bronchodilators
 - [6] expectorants and antitussives
- [5] spasmolytics
- [5] topical agents
- [3] health and medicine
 - [4] healthcare industry
 - [5] healthcare providers and practices
 - [5] medical disciplines and specialties
 - [6] cardiology
 - [6] dentistry
 - [6] dermatology
 - [6] geriatrics
 - [6] neurology
 - [6] obstetrics and gynecology
 - [6] oncology
 - [6] ophthalmology
 - [6] pediatrics
 - [5] medical equipment
 - [6] artificial limbs and organs
 - [6] dressings and supports
 - [5] medical equipment manufacturers
 - [5] medical facilities
 - [4] medical problems
 - [5] blood disorders
 - [5] cancers and tumors
 - [6] carcinogens
 - [5] cardiovascular disorders
 - [5] developmental disorders
 - [5] environment-related afflictions
 - [5] gastrointestinal disorders
 - [5] genetic and hereditary disorders
 - [5] infectious diseases
 - [6] communicable diseases
 - [7] sexually transmitted diseases
 - [5] injuries
 - [5] medical disabilities
 - [5] neurological disorders
 - [5] respiratory disorders
 - [5] skin conditions
 - [4] nutrition
 - [4] practice of medicine
 - [5] alternative medicine
 - [5] medical diagnosis
 - [6] medical imaging
 - [5] medical personnel
 - [5] medical procedures
 - [6] physical therapy
 - [6] surgical procedures

- [7] cosmetic surgery
- [4] veterinary medicine
- [2] **machinery**
 - [3] machine components
- [2] **mathematics**
 - [3] algebra
 - [4] linear algebra
 - [4] modern algebra
 - [3] arithmetic
 - [4] elementary algebra
 - [3] calculus
 - [3] geometry
 - [4] mathematical topology
 - [4] plane geometry
 - [4] trigonometry
 - [3] math tools
 - [3] mathematical analysis
 - [3] mathematical foundations
 - [4] number theory
 - [4] set theory
 - [4] symbolic logic
 - [3] statistics
- [2] **mechanical engineering**
- [2] **physics**
 - [3] acoustics
 - [3] cosmology
 - [4] astronomy
 - [5] celestial bodies
 - [6] celestial stars
 - [6] comets
 - [6] constellations
 - [6] galaxies
 - [6] moons
 - [6] nebulae
 - [6] planets
 - [5] celestial phenomena
 - [3] electricity and magnetism
 - [3] motion physics
 - [3] nuclear physics
 - [4] subatomic particles
 - [3] optical technology
 - [4] holography
 - [4] laser technology
 - [5] high-energy lasers
 - [5] low-energy lasers
 - [3] thermodynamics
- [2] **robotics**
- [2] **textiles**
- [2] **tools and hardware**

- [3] cements and glues
- [3] hand and power tools
 - [4] chisels
 - [4] drills and bits
 - [4] gauges and calipers
 - [4] hammers
 - [4] machine tools
 - [4] planes and sanders
 - [4] pliers and clamps
 - [4] screwdrivers
 - [4] shovels
 - [4] trowels
 - [4] wrenches
- [3] knots

[1] social sciences

- [2] **anthropology**
 - [3] cultural identities
 - [4] Native Americans
 - [3] cultural studies
 - [4] ancient cultures
 - [3] customs and practices
- [2] **archeology**
 - [3] ages and periods
 - [3] prehistoric humanoids
- [2] **history**
 - [3] U.S. history
 - [4] slavery in the U.S.
 - [3] ancient Rome
 - [4] Roman emperors
 - [3] ancient history
 - [3] biographies
 - [3] historical eras
- [2] **human sexuality**
 - [3] homosexuality
 - [3] pornography
 - [3] prostitution
 - [3] sexual issues
- [2] **linguistics**
 - [3] descriptive linguistics
 - [4] grammar
 - [5] parts of speech
 - [4] phonetics and phonology
 - [3] historical linguistics
 - [3] languages
 - [3] linguistic theories
 - [3] rhetoric and figures of speech
 - [3] sociolinguistics

- [4] dialects and accents
- [3] writing and mechanics
 - [4] punctuation and diacritics
 - [4] writing systems
- [2] **psychology**
 - [3] abnormal psychology
 - [4] anxiety disorders
 - [4] childhood onset disorders
 - [4] cognitive disorders
 - [4] dissociative disorders
 - [4] eating disorders
 - [4] impulse control disorders
 - [4] mood disorders
 - [4] personality disorders
 - [4] phobias
 - [4] psychosomatic disorders
 - [4] psychotic disorders
 - [4] somatoform disorders
 - [4] substance related disorders
 - [3] behaviorist psychology
 - [3] cognitive psychology
 - [3] developmental psychology
 - [3] experimental psychology
 - [3] humanistic psychology
 - [3] neuropsychology
 - [3] perceptual psychology
 - [3] psychiatry
 - [3] psychoanalytic psychology
 - [3] psychological states and behaviors
 - [3] psychological therapy
 - [3] psychological tools and techniques
 - [3] sleep psychology
 - [4] sleep disorders
- [2] **sociology**
 - [3] demographics
 - [3] social identities
 - [4] gender studies
 - [4] senior citizens
 - [3] social movements and institutions
 - [3] social structures

[1] transportation

- [2] **aviation**
 - [3] aircraft
 - [3] airlines
 - [3] airports
 - [3] avionics
- [2] **freight and shipping**

- [3] package delivery industry
- [3] trucking industry
- [2] **ground transportation**
 - [3] animal powered transportation
 - [3] automotive industry
 - [4] automobiles
 - [4] automotive engineering
 - [5] automotive parts
 - [5] internal combustion engines
 - [4] automotive sales
 - [4] automotive service and repair
 - [4] car rentals
 - [4] motorcycles
 - [4] trucks and buses
 - [3] human powered vehicles
 - [3] rail transportation
 - [4] subways
 - [4] trains
 - [3] roadways and driving
- [2] **marine transportation**
 - [3] boats and ships
 - [3] seamanship
 - [3] waterways
- [2] **travel industry**
 - [3] hotels and lodging
 - [3] tourism
 - [4] cruise lines
 - [4] places of interest
 - [4] resorts and spas

Branch 2: business and economics

[1] business services industry

[1] commerce and trade

- [2] **electronic commerce**
- [2] **general commerce**
- [2] **international trade and finance**
- [2] **mail-order industry**
- [2] **retail trade industry**
 - [3] convenience stores
 - [3] department stores
 - [3] discount stores
 - [3] supermarkets
- [2] **wholesale trade industry**

[1] corporate business

- [2] **business enterprise**
 - [3] entrepreneurship
- [2] **business fundamentals**
- [2] **consulting industry**
- [2] **corporate finance**
 - [3] accountancy
- [2] **corporate management**
- [2] **corporate practices**
- [2] **diversified companies**
- [2] **human resources**
 - [3] employment agencies
- [2] **office products**
- [2] **quality control**
 - [3] customer support
- [2] **research and development**
- [2] **sales and marketing**
 - [3] advertising industry

[1] economics

[1] financial institutions

- [2] **banking industry**
- [2] **insurance industry**
- [2] **real-estate industry**

[1] financial investments

- [2] **commodities market**
 - [3] money
 - [4] currency market
 - [3] precious metals market
- [2] **general investment**
- [2] **personal finance**
 - [3] retirement investments
- [2] **securities market**
 - [3] bond market
 - [3] mutual funds
 - [3] stock market

[1] financial lending

- [2] **credit cards**

[1] industrial business

- [2] **industrial engineering**

- [3] production methods
- [2] **industrialists and financiers**
- [2] **manufacturing**
 - [3] industrial goods manufacturing

[1] public sector industry

[1] taxes and tariffs

[1] work force

- [2] organized labor

Branch 3: government and military

[1] government

- [2] county government
- [2] forms and philosophies of government
- [2] government actions
- [2] **government bodies and institutions**
 - [3] executive branch
 - [4] U.S. presidents
 - [4] executive cabinet
 - [3] judiciary branch
 - [4] Supreme Court
 - [5] chief justices
 - [3] legislative branch
 - [4] house of representatives
 - [4] senate
- [2] **government officials**
 - [3] royalty and aristocracy
 - [3] statesmanship
- [2] **government programs**
 - [3] social programs
 - [4] welfare
- [2] **international relations**
 - [3] Cold War
 - [3] diplomacy
 - [3] immigration
- [2] **law**
 - [3] business law
 - [3] courts
 - [3] crimes and offenses
 - [4] controlled substances
 - [5] substance abuse

- [4] criminals
- [4] organized crime
- [3] law enforcement
- [3] law firms
- [3] law systems
 - [4] constitutional law
- [3] legal bodies
- [3] legal customs and formalities
- [3] legal judgments
- [3] legal proceedings
- [3] prisons and punishments
- [2] **municipal government**
 - [3] municipal infrastructure
 - [3] urban areas
 - [4] urban phenomena
 - [4] urban structures
- [2] **politics**
 - [3] civil rights
 - [3] elections and campaigns
 - [3] political activities
 - [3] political advocacy
 - [4] animal rights
 - [4] consumer advocacy
 - [3] political parties
 - [3] political principles and philosophies
 - [4] utopias
 - [3] political scandals
 - [3] revolution and subversion
 - [4] terrorism
- [2] **postal communications**
- [2] **public facilities**
- [2] **state government**

[1] military

- [2] **air force**
- [2] **armored clothing**
- [2] **army**
- [2] **cryptography**
- [2] **military honors**
- [2] **military intelligence**
- [2] **military leaders**
- [2] **military ranks**
 - [3] army, air force, and marine ranks
 - [3] navy and coast guard ranks
- [2] **military wars**
 - [3] American Civil War
 - [3] American Revolution
 - [3] World War I

- [3] World War II
- [3] warfare
- [2] **military weaponry**
 - [3] bombs and mines
 - [3] chemical and biological warfare
 - [3] military aircraft
 - [3] missiles, rockets, and torpedoes
 - [3] nuclear weaponry
 - [3] space-based weapons
- [2] **navy**
 - [3] warships
- [2] **service academies**

Branch 4: social environment

[1] belief systems

- [2] **folklore**
- [2] **mythology**
 - [3] Celtic mythology
 - [3] Egyptian mythology
 - [3] Greek mythology
 - [3] Japanese mythology
 - [3] Mesopotamian and Sumerian mythology
 - [3] Norse and Germanic mythology
 - [3] Roman mythology
 - [3] South and Central American mythology
 - [3] mythological beings
 - [3] myths and legends
- [2] **paranormal phenomena**
 - [3] astrology
 - [3] occult
 - [3] superstitions
- [2] **philosophy**
 - [3] epistemology
 - [3] ethics and aesthetics
 - [3] metaphysics
 - [3] philosophical logic
 - [3] schools of philosophy
- [2] **religion**
 - [3] God and divinity
 - [3] doctrines and practices
 - [3] history of religion
 - [3] religious institutions and structures
 - [3] sacred texts and objects
 - [4] Bible
 - [4] liturgical garments
 - [3] world religions

- [4] Christianity
 - [5] Christian denominations
 - [5] Christian heresies
 - [5] Christian theology
 - [5] Mormonism
 - [5] Roman Catholicism
 - [6] popes
 - [6] religious orders
 - [5] evangelism
 - [5] protestant reformation
- [4] Islam
- [4] Judaism
- [4] eastern religions
 - [5] Buddhism
 - [5] Hinduism
 - [6] Hindu deities

[1] clothing and appearance

[2] clothing

- [3] clothing accessories
 - [4] belts
 - [4] functional accessories
 - [4] gloves
- [3] fabrics
 - [4] laces
 - [4] leather and fur
- [3] footwear
- [3] garment parts
 - [4] garment fasteners
 - [4] garment trim
- [3] headgear
 - [4] hats
 - [4] helmets
- [3] laundry
- [3] neckwear
- [3] outer garments
 - [4] dresses
 - [4] formalwear
 - [4] jackets
 - [4] pants
 - [4] shirts
 - [4] skirts
 - [4] sporting wear
 - [4] sweaters
- [3] sewing
- [3] undergarments
 - [4] deshabelle
 - [4] hosiery

- [4] lingerie
- [4] men's underwear
- [2] **cosmetics**
 - [3] facial hair
 - [3] hair styling
- [2] **fashion industry**
 - [3] supermodels
- [2] **grooming**
 - [3] grooming aids
- [2] **jewelry**

[1] emergency services

- [2] **emergency dispatch**
- [2] **emergency medical services**
- [2] **fire prevention and suppression**
- [2] **hazardous material control**
- [2] **heavy rescue**

[1] family

- [2] **death and burial**
 - [3] funeral industry
- [2] **divorce**
- [2] **infancy**
- [2] **kinship and ancestry**
- [2] **marriage**
- [2] **pregnancy**
 - [3] contraception
- [2] **upbringing**

[1] food and agriculture

- [2] **agribusiness**
- [2] **agricultural equipment**
- [2] **agricultural technology**
 - [3] soil management
 - [4] fertilizers
- [2] **aquaculture**
- [2] **cereals**
- [2] **condiments**
- [2] **crop grain**
- [2] **dairy products**
 - [3] cheeses
- [2] **drinking and dining**
 - [3] alcoholic beverages
 - [4] beers
 - [4] liqueurs
 - [4] liquors

- [4] mixed drinks
- [4] wines
 - [5] wineries
- [3] cooking
- [3] meals and dishes
 - [4] sandwiches
- [3] non-alcoholic beverages
 - [4] coffee
 - [4] soft drinks
 - [4] tea
- [2] **farming**
- [2] **fats and oils**
 - [3] butter and margarine
- [2] **food and drink industry**
 - [3] foodservice industry
 - [3] meat packing industry
- [2] **forestry**
 - [3] forest products
- [2] **fruits and vegetables**
 - [3] legumes
- [2] **leavening agents**
- [2] **mariculture**
- [2] **meats**
 - [3] beef
 - [3] pate and sausages
 - [3] pork
 - [3] poultry
- [2] **nuts and seeds**
- [2] **pasta**
- [2] **prepared foods**
 - [3] breads
 - [3] candies
 - [3] crackers
 - [3] desserts
 - [4] cakes
 - [4] cookies
 - [4] pies
 - [3] pastries
 - [3] sauces
 - [3] soups and stews
- [2] **ranching**
- [2] **seafood**
- [2] **spices and flavorings**
 - [3] sweeteners

[1] housekeeping and butlery

[1] housewares

- [2] **beds**
- [2] **candles**
- [2] **carpets and rugs**
- [2] **cases, cabinets, and chests**
- [2] **chairs and sofas**
- [2] **curtains, drapes, and screens**
- [2] **functional wares**
 - [3] cleaning supplies
- [2] **home appliances**
- [2] **kitchenware**
 - [3] cookers
 - [3] fine china
 - [3] glassware
 - [3] kitchen appliances
 - [3] kitchen utensils
 - [4] cutting utensils
 - [3] pots and pans
 - [3] serving containers
 - [3] tableware
- [2] **lamps**
- [2] **linen**
- [2] **mirrors**
- [2] **ornamental objects**
- [2] **stationery**
- [2] **stools and stands**
- [2] **tables and desks**
- [2] **timepieces**

[1] leisure and recreation

- [2] **arts and entertainment**
 - [3] broadcast media
 - [4] radio
 - [5] amateur radio
 - [4] television
 - [3] cartoons, comic books, and superheroes
 - [3] cinema
 - [4] movie stars
 - [4] movie tools and techniques
 - [4] movies
 - [3] entertainments and spectacles
 - [4] entertainers
 - [3] humor and satire
 - [3] literature
 - [4] children's literature

- [4] literary criticism
- [4] literary devices and techniques
- [4] poetry
 - [5] classical poetry
- [4] prose
 - [5] fiction
 - [6] horror fiction
 - [6] mystery fiction
- [4] styles and schools of literature
- [3] performing arts
 - [4] dance
 - [5] ballet
 - [5] choreography
 - [5] folk dances
 - [5] modern dance
 - [4] drama
 - [5] dramatic structure
 - [5] stagecraft
 - [4] music
 - [5] blues music
 - [5] classical music
 - [5] composition types
 - [5] folk music
 - [5] jazz music
 - [5] music industry
 - [5] musical instruments
 - [6] keyboard instruments
 - [6] percussion instruments
 - [6] string instruments
 - [6] wind instruments
 - [7] brass instruments
 - [7] woodwinds
 - [5] opera and vocal
 - [5] popular music and dance
 - [5] world music
- [3] science fiction
- [3] visual arts
 - [4] art galleries and museums
 - [4] artistic painting
 - [5] painting tools and techniques
 - [5] styles and schools of art
 - [4] graphic arts
 - [4] photography
 - [5] cameras
 - [5] photographic lenses
 - [5] photographic processes
 - [5] photographic techniques
 - [5] photographic tools
 - [4] sculpture

- [5] sculpture tools and techniques
- [2] **crafts**
- [2] **games**
 - [3] indoor games
 - [4] board games
 - [4] card games
 - [4] video games
 - [3] outdoor games
- [2] **gaming industry**
 - [3] gambling
- [2] **gardening**
- [2] **hobbies**
 - [3] coin collecting
 - [3] stamp collecting
- [2] **outdoor recreation**
 - [3] hunting and fishing
- [2] **pets**
- [2] **restaurant industry**
- [2] **sports**
 - [3] Olympics
 - [3] aquatic sports
 - [4] canoeing, kayaking, and rafting
 - [4] swimming and diving
 - [4] yachting
 - [3] baseball
 - [3] basketball
 - [3] bicycling
 - [3] bowling
 - [3] boxing
 - [3] equestrian events
 - [4] horse racing
 - [4] rodeo
 - [3] fantasy sports
 - [3] fitness and health
 - [4] fitness equipment
 - [3] football
 - [3] golf
 - [3] gymnastics
 - [3] martial arts
 - [3] motor sports
 - [4] Formula I racing
 - [4] Indy car racing
 - [4] NASCAR racing
 - [4] drag racing
 - [4] motorcycle racing
 - [4] off-road racing
 - [3] soccer
 - [3] sports equipment
 - [3] tennis
 - [3] track and field

- [3] winter sports
 - [4] hockey
 - [4] ice skating
 - [4] skiing
- [2] **tobacco industry**
- [2] **toys**

Branch 5: geography

[1] cartography

- [2] **explorers**

[1] physical geography

- [2] **bodies of water**
 - [3] lakes
 - [3] oceans
 - [3] rivers
- [2] **land forms**
 - [3] coastlands
 - [3] continents
 - [3] deserts
 - [3] highlands
 - [3] islands
 - [3] lowlands
 - [3] mountains
 - [3] wetlands

[1] political geography

- [2] **Africa**
 - [3] Central Africa
 - [4] Angola
 - [4] Burundi
 - [4] Central African Republic
 - [4] Congo
 - [4] Gabon
 - [4] Kenya
 - [4] Malawi
 - [4] Rwanda
 - [4] Tanzania
 - [4] Uganda
 - [4] Zaire
 - [4] Zambia
 - [3] North Africa
 - [4] Algeria
 - [4] Chad

- [4] Djibouti
- [4] Egypt
- [4] Ethiopia
- [4] Libya
- [4] Morocco
- [4] Somalia
- [4] Sudan
- [4] Tunisia
- [3] Southern Africa
 - [4] Botswana
 - [4] Lesotho
 - [4] Mozambique
 - [4] Namibia
 - [4] South Africa
 - [4] Swaziland
 - [4] Zimbabwe
- [3] West Africa
 - [4] Benin
 - [4] Burkina Faso
 - [4] Cameroon
 - [4] Equatorial Guinea
 - [4] Gambia
 - [4] Ghana
 - [4] Guinea
 - [4] Guinea-Bissau
 - [4] Ivory Coast
 - [4] Liberia
 - [4] Mali
 - [4] Mauritania
 - [4] Niger
 - [4] Nigeria
 - [4] Sao Tome and Principe
 - [4] Senegal
 - [4] Sierra Leone
 - [4] Togo
- [2] **Antarctica**
- [2] **Arctic**
 - [3] Greenland
 - [3] Iceland
- [2] **Asia**
 - [3] Central Asia
 - [4] Afghanistan
 - [4] Bangladesh
 - [4] Bhutan
 - [4] India
 - [4] Kazakhstan
 - [4] Kyrgyzstan
 - [4] Nepal
 - [4] Pakistan
 - [4] Tajikistan

- [4] Turkmenistan
- [4] Uzbekistan
- [3] East Asia
 - [4] China
 - [4] Hong Kong
 - [4] Japan
 - [4] Macao
 - [4] Mongolia
 - [4] North Korea
 - [4] South Korea
 - [4] Taiwan
- [3] Southeast Asia
 - [4] Brunei
 - [4] Cambodia
 - [4] Indonesia
 - [4] Laos
 - [4] Malaysia
 - [4] Myanmar
 - [4] Papua New Guinea
 - [4] Philippines
 - [4] Singapore
 - [4] Thailand
 - [4] Vietnam
- [2] **Atlantic area**
 - [3] Azores
 - [3] Bermuda
 - [3] Canary Islands
 - [3] Cape Verde
 - [3] Falkland Islands
- [2] **Caribbean**
 - [3] Antigua and Barbuda
 - [3] Bahamas
 - [3] Barbados
 - [3] Cuba
 - [3] Dominica
 - [3] Dominican Republic
 - [3] Grenada
 - [3] Haiti
 - [3] Jamaica
 - [3] Netherlands Antilles
 - [3] Puerto Rico
 - [3] Trinidad and Tobago
- [2] **Central America**
 - [3] Belize
 - [3] Costa Rica
 - [3] El Salvador
 - [3] Guatemala
 - [3] Honduras
 - [3] Nicaragua

[3] Panama

[2] **Europe**

[3] Eastern Europe

[4] Albania

[4] Armenia

[4] Azerbaijan

[4] Belarus

[4] Bulgaria

[4] Czech Republic

[4] Czechoslovakia

[4] Estonia

[4] Greece

[4] Hungary

[4] Latvia

[4] Lithuania

[4] Moldova

[4] Poland

[4] Republic of Georgia

[4] Romania

[4] Russia

[5] Siberia

[4] Slovakia

[4] Soviet Union

[4] Ukraine

[4] Yugoslavia

[5] Bosnia and Herzegovina

[5] Croatia

[5] Macedonia

[5] Montenegro

[5] Serbia

[5] Slovenia

[3] Western Europe

[4] Austria

[4] Belgium

[4] Denmark

[4] Faeroe Island

[4] Finland

[4] France

[4] Germany

[4] Iberia

[5] Andorra

[5] Portugal

[5] Spain

[4] Ireland

[4] Italy

[4] Liechtenstein

[4] Luxembourg

[4] Monaco

[4] Netherlands

[4] Norway

- [4] San Marino
- [4] Sweden
- [4] Switzerland
- [4] United Kingdom
 - [5] England
 - [5] Northern Ireland
 - [5] Scotland
 - [5] Wales
- [2] **Indian Ocean area**
 - [3] Comoros
 - [3] Madagascar
 - [3] Maldives
 - [3] Mauritius
 - [3] Seychelles
 - [3] Sri Lanka
- [2] **Mediterranean**
 - [3] Corsica
 - [3] Cyprus
 - [3] Malta
 - [3] Sardinia
- [2] **Middle East**
 - [3] Bahrain
 - [3] Iran
 - [3] Iraq
 - [3] Israel
 - [3] Jordan
 - [3] Kuwait
 - [3] Lebanon
 - [3] Oman
 - [3] Palestine
 - [3] Qatar
 - [3] Saudi Arabia
 - [3] Socotra
 - [3] Syria
 - [3] Turkey
 - [3] United Arab Emirates
 - [3] Yemen
- [2] **North America**
 - [3] Canada
 - [3] Mexico
 - [3] United States
 - [4] Alabama
 - [4] Alaska
 - [4] Arizona
 - [4] Arkansas
 - [4] California
 - [4] Colorado
 - [4] Delaware
 - [4] Florida

- [4] Georgia
 - [4] Hawaii
 - [4] Idaho
 - [4] Illinois
 - [4] Indiana
 - [4] Iowa
 - [4] Kansas
 - [4] Kentucky
 - [4] Louisiana
 - [4] Maryland
 - [4] Michigan
 - [4] Minnesota
 - [4] Mississippi
 - [4] Missouri
 - [4] Montana
 - [4] Nebraska
 - [4] Nevada
 - [4] New England
 - [5] Connecticut
 - [5] Maine
 - [5] Massachusetts
 - [5] New Hampshire
 - [5] Rhode Island
 - [5] Vermont
 - [4] New Jersey
 - [4] New Mexico
 - [4] New York
 - [4] North Carolina
 - [4] North Dakota
 - [4] Ohio
 - [4] Oklahoma
 - [4] Oregon
 - [4] Pennsylvania
 - [4] South Carolina
 - [4] South Dakota
 - [4] Tennessee
 - [4] Texas
 - [4] Utah
 - [4] Virginia
 - [4] Washington
 - [4] Washington D.C.
 - [4] West Virginia
 - [4] Wisconsin
 - [4] Wyoming
- [2] **Pacific area**
- [3] American Samoa
 - [3] Australia
 - [4] Tasmania
 - [3] Cook Islands
 - [3] Fiji

- [3] French Polynesia
- [3] Guam
- [3] Kiribati
- [3] Mariana Islands
- [3] Marshall Islands
- [3] Micronesia
- [3] Nauru
- [3] New Caledonia
- [3] New Zealand
- [3] Palau
- [3] Solomon Islands
- [3] Tonga
- [3] Tuvalu
- [3] Vanuatu
- [3] Western Samoa
- [2] **South America**
 - [3] Argentina
 - [3] Bolivia
 - [3] Brazil
 - [3] Chile
 - [3] Colombia
 - [3] Ecuador
 - [3] French Guiana
 - [3] Guyana
 - [3] Paraguay
 - [3] Peru
 - [3] Suriname
 - [3] Uruguay
 - [3] Venezuela

Branch 6: abstract ideas and concepts

[1] dynamic relations

- [2] **activity**
 - [3] attempts
 - [4] achievement
 - [4] difficulty
 - [4] ease
 - [4] extemporaneousness
 - [4] failure
 - [4] preparation
 - [4] success
 - [3] inertia
 - [3] motion
 - [4] agitation
 - [4] directional movement
 - [5] ascent

- [5] convergence
- [5] departure
- [5] descent
- [5] divergence
- [5] entrance
- [5] inward motion
- [5] jumps
- [5] motions around
- [5] outward motion
- [5] progression
- [5] withdrawal
- [4] forceful motions
 - [5] friction
 - [5] pulls
 - [5] pushes
 - [5] throws
- [4] haste
- [4] slowness
- [4] transporting
- [3] rest
- [3] violence
- [2] **change**
 - [3] exchanges
 - [3] gradual change
 - [3] major change
 - [3] reversion
- [2] **time**
 - [3] future
 - [3] longevity
 - [3] past
 - [3] regularity of time
 - [3] relative age
 - [4] stages of development
 - [3] simultaneity
 - [3] time measurement
 - [4] instants
 - [3] timeliness
 - [4] earliness
 - [4] lateness
 - [3] transience

[1] human life and activity

- [2] **communication**
 - [3] announcements
 - [3] conversation
 - [3] declarations
 - [3] disclosure
 - [3] identifiers

- [3] implication
- [3] obscene language
- [3] representation
 - [4] interpretation
- [3] secrecy
- [3] shyness
- [3] speech
- [3] styles of expression
 - [4] boasting
 - [4] clarity
 - [4] eloquence
 - [4] intelligibility
 - [4] nonsense
 - [4] plain speech
 - [4] wordiness
- [2] feelings and sensations**
 - [3] calmness
 - [3] composure
 - [3] emotions
 - [4] anger
 - [4] contentment
 - [4] courage
 - [4] cowardice
 - [4] happiness
 - [4] humiliation
 - [4] ill humor
 - [4] insolence
 - [4] nervousness
 - [4] pickiness
 - [4] regret
 - [4] relief
 - [4] sadness
 - [4] vanity
 - [3] excitement
 - [3] five senses
 - [4] audiences
 - [4] hearing
 - [5] faintness of sound
 - [5] loudness
 - [5] silence
 - [5] sound
 - [6] cries
 - [6] dissonant sound
 - [6] harmonious sound
 - [6] harsh sound
 - [6] repeated sounds
 - [4] sight
 - [5] appearance
 - [5] fading

- [5] visibility
- [4] smelling
 - [5] odors
- [4] tasting
 - [5] flavor
- [6] sweetness
- [4] touching
- [3] numbness
- [3] pleasure
- [3] suffering
- [2] **gender**
- [2] **intellect**
 - [3] cleverness
 - [3] foolishness
 - [3] ignorance
 - [3] intelligence and wisdom
 - [3] intuition
 - [3] knowledge
 - [3] learning
 - [3] teaching
 - [3] thinking
 - [4] conclusion
 - [5] discovery
 - [5] evidence
 - [5] rebuttal
 - [4] consideration
 - [5] analysis
 - [5] questioning
 - [5] tests
 - [4] faith
 - [5] ideology
 - [5] sanctimony
 - [4] judgment
 - [4] rationality
 - [4] skepticism
 - [4] sophistry
 - [4] speculation
- [2] **social attitude, custom**
 - [3] behavior
 - [4] approval
 - [4] courtesy
 - [4] criticism
 - [4] cruelty
 - [4] flattery
 - [4] forgiveness
 - [4] friendliness
 - [4] generosity
 - [4] gratitude
 - [4] hatred
 - [4] jealousy

- [4] kindness
- [4] love
 - [5] adoration
- [4] respect
- [4] rudeness
- [4] ruthlessness
- [4] stinginess
- [4] sympathy
- [3] morality and ethics
 - [4] evil
 - [4] goodness
 - [4] moral action
 - [5] asceticism
 - [5] decency
 - [5] deception
 - [5] integrity
 - [5] lewdness
 - [5] self-indulgence
 - [4] moral consequences
 - [5] allegation
 - [5] entitlement
 - [5] excuses
 - [5] punishment
 - [5] reparation
 - [4] moral states
 - [5] fairness
 - [5] guilt
 - [5] innocence
 - [5] partiality
 - [4] responsibility
- [3] reputation
 - [4] acclaim
 - [4] notoriety
- [3] social activities
 - [4] enjoyment
 - [4] monotony
- [3] social conventions
 - [4] conventionalism
 - [4] formality
 - [4] trends
- [3] social transactions
 - [4] debt
 - [4] offers
 - [4] payments
 - [4] petitions
 - [4] promises and contracts
- [2] **states of mind**
 - [3] anticipation
 - [4] fear

- [4] frustration
- [4] hopefulness
- [4] hopelessness
- [4] prediction
- [4] surprise
- [4] warnings
- [3] boredom
- [3] broad-mindedness
- [3] carelessness
- [3] caution
- [3] confusion
- [3] creativity
- [3] curiosity
- [3] forgetfulness
- [3] patience
- [3] prejudice
- [3] remembering
- [3] seriousness
- [2] **volition**
 - [3] assent
 - [3] choices
 - [4] denial
 - [3] decidedness
 - [3] dissent
 - [3] eagerness
 - [3] enticement
 - [3] evasion
 - [4] abandonment
 - [4] escape
 - [3] impulses
 - [3] indecision
 - [3] indifference
 - [3] inevitability
 - [3] motivation
 - [3] obstinacy
 - [3] tendency

[1] potential relations

- [2] **ability, power**
 - [3] competence, expertise
 - [3] energy, vigor
 - [3] ineptness
 - [3] productivity
 - [3] provision
 - [3] strength
 - [3] weakness
- [2] **conflict**
 - [3] attacks

- [3] competition
- [3] crises
- [3] retaliation
- [2] **control**
 - [3] anarchy
 - [3] command
 - [4] cancelations
 - [4] delegation
 - [4] permission
 - [4] prohibiting
 - [3] defiance
 - [3] influence
 - [3] leadership
 - [3] modes of authority
 - [4] confinement
 - [4] constraint
 - [4] discipline
 - [4] freedom
 - [4] leniency
 - [4] liberation
 - [3] obedience
 - [3] regulation
 - [3] servility
- [2] **possession**
 - [3] giving
 - [3] keeping
 - [3] losing
 - [3] receiving
 - [3] sharing
 - [3] taking
- [2] **possibility**
 - [3] chance
 - [3] falseness
 - [3] truth
- [2] **purpose**
 - [3] abuse
 - [3] depletion
 - [3] obsolescence
- [2] **support**
 - [3] cooperation
 - [3] mediation
 - [3] neutrality
 - [3] peace
 - [3] protection
 - [3] sanctuary
 - [3] security

[1] relation

- [2] **agreement**
- [2] **cause and effect**
 - [3] causation
 - [3] result
- [2] **difference**
- [2] **examples**
- [2] **relevance**
- [2] **similarity**
 - [3] duplication
- [2] **uniformity**
- [2] **variety**

[1] static relations

- [2] **amounts**
 - [3] fewness
 - [3] fragmentation
 - [3] large quantities
 - [3] majority
 - [3] mass quantity
 - [3] minority
 - [3] numbers
 - [3] quantity modification
 - [4] combination
 - [4] connection
 - [4] decrease
 - [4] increase
 - [4] remainders
 - [4] separation
 - [3] required quantity
 - [4] deficiency
 - [4] excess
 - [4] sufficiency
 - [3] wholeness
 - [4] omission
 - [4] thoroughness
- [2] **existence**
 - [3] creation
 - [3] life
- [2] **form**
 - [3] defects
 - [3] effervescence
 - [3] physical qualities
 - [4] brightness and color
 - [5] color
 - [6] variegation
 - [5] colorlessness
 - [5] darkness

- [5] lighting
 - [6] opaqueness
 - [6] transparency
- [4] dryness
- [4] fragility
- [4] heaviness
- [4] mass and weight measurement
- [4] moisture
- [4] pliancy
- [4] rigidity
- [4] softness
- [4] temperature
 - [5] coldness
 - [5] heat
- [4] texture
 - [5] fluids
 - [5] gaseousness
 - [5] jaggedness
 - [5] powderiness
 - [5] semiliquidity
 - [5] smoothness
- [4] weightlessness
- [3] shape
 - [4] angularity
 - [4] circularity
 - [4] curvature
 - [4] roundness
 - [4] straightness
- [3] symmetry
- [3] tangibility
- [3] topological form
 - [4] concavity
 - [4] convexity
 - [4] covering
 - [4] folds
 - [4] openings
- [2] **nonexistence**
 - [3] death
 - [3] destruction
- [2] **quality**
 - [3] badness
 - [3] beauty
 - [3] cleanness
 - [3] complexity
 - [3] correctness
 - [3] deterioration
 - [3] dirtiness
 - [3] good quality
 - [3] improvement

- [3] mediocrity
- [3] mistakes
- [3] normality
- [3] perfection
- [3] remedy
- [3] simplicity
- [3] stability
 - [4] resistance to change
- [3] strangeness
- [3] ugliness
- [3] value
- [2] **range**
 - [3] areas
 - [4] area measurement
 - [4] regions
 - [4] storage
 - [4] volume measurement
 - [3] arrangement
 - [4] locations
 - [5] anteriors
 - [5] compass directions
 - [5] exteriors
 - [5] interiors
 - [5] left side
 - [5] posteriors
 - [5] right side
 - [5] topsides
 - [5] undersides
 - [4] positions
 - [5] disorder
 - [5] groups
 - [6] dispersion
 - [6] exclusion
 - [6] inclusion
 - [6] itemization
 - [6] seclusion
 - [6] togetherness
 - [5] hierarchical relationships
 - [6] downgrades
 - [6] ranks
 - [6] upgrades
 - [5] sequence
 - [6] beginnings
 - [6] continuation
 - [6] ends
 - [6] middles
 - [6] preludes
 - [3] boundaries
 - [3] dimension
 - [4] contraction

- [4] depth
- [4] expansion
- [4] flatness
- [4] height
- [4] largeness
- [4] length
- [4] linear measurement
- [4] narrowness
- [4] shallowness
- [4] shortness
- [4] slopes
- [4] smallness
- [4] steepness
- [4] thickness
- [3] essence
- [3] generalization
- [3] nearness
- [3] obstruction
- [3] remoteness
- [3] removal
- [3] significance
- [3] trivialness
- [3] uniqueness
- [3] ways and methods

