

# Academic Word List

## **The Academic Word List: a corpus-based word list for academic purposes**

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The Academic Word List (AWL) (Coxhead, 1998) was developed from a corpus of approximately 3,500,000 running words of written academic text by examining the range, frequency and uniformity of occurrence of words outside the first 2,000 words of English (West, 1953). This corpus contains four disciplines (arts, commerce, law and science) and each discipline is made up of seven subject areas. The 570 word families in the AWL account for approximately 10% of the total words (tokens) in the corpus described above. In contrast, the list covers only 1.4% of the total words in an equally-sized collection of fiction. This difference in coverage indicates that the list is predominantly academic in nature. The AWL provides useful information about which words give the best return for learning for students with academic goals, and highlights the words which learners will meet in a wide range of academic texts. The list also provides a useful basis for further research into the nature of academic vocabulary. The division of this word list into smaller, frequency-based sublists helps in the sequencing of teaching and materials, so that a systematic approach to vocabulary learning can be taken.

### **Bibliography**

- Bauer, L. and Nation, I. S. P. (1993). "Word families." *International Journal of Lexicography* 6, 4: 253-279.
- Biber, D. (1993) "Representativeness in corpus design." *Literary and Linguistic Computing* 8,4: 243-257.
- Biber, D., Conrad, S. and Reppen, R. (1998) *Corpus Linguistics: Investigating Language Structure and Use*. Cambridge: Cambridge University Press.
- Campion, M. and Elley, W. (1971). *An Academic Vocabulary List*. Wellington: New Zealand Council for Educational Research.
- Coxhead, A.J. (1998). *An Academic Word List*. English Language Institute Occasional Publication Number 18. Wellington: Victoria University of Wellington
- Coxhead, A.J. (1998). *The development and evaluation of an academic word list*. Unpublished M.A. Thesis. Wellington: Victoria University of Wellington.
- Francis, W.N. and Kucera, H. (1982). *Frequency Analysis of English Usage*. Boston: Houghton Mifflin Company.
- Kennedy, G. (1998) *An Introduction to Corpus Linguistics*. London: Longman.
- Nation, I.S.P. (1990). *Teaching and Learning Vocabulary*. New York: Heinle and Heinle.
- Praninskas, J. (1972). *American University Word List*. London: Longman.
- Sutarsyah, C., Nation, P. and Kennedy, G. (1994). "How useful is EAP vocabulary for ESP?" *RELC Journal* 25, 2: 3450.
- West, M. (1953). *A General Service List of English Words*. London: Longman, Green and Co.
- Wichmann, A. Fligelstone, S., McEnery, T. and Knowles, G. (eds.) (1997). *Teaching and Language Corpora*. Harlow: Addison Wesley Longman.
- Xue, Guoyi and Nation, I.S.P. (1984). "A university word list." *Language Learning and Communication* 3, 2: 215229.

## Selecting vocabulary: Academic word list

*Academic Word List* Coxhead (2000). The most frequent word in each family is in italics. There are 570 headwords and about 3000 words altogether. For more information see [The Academic Word List](#).

\*Definitions linked to [Cambridge Learner's Dictionary](#)

Headwords	Other words in the family	Definition*
<i>abandon</i>	abandoned, abandoning, abandonment, abandons	<a href="#">abandon</a>
<i>abstract</i>	abstraction, abstractions, abstractly, abstracts	<a href="#">abstract</a>
academy	academia, <i>academic</i> , academically, academics, academies	<a href="#">academy</a>
<i>access</i>	accessed, accesses, accessibility, accessible, accessing, inaccessible	<a href="#">access</a>
accommodate	accommodated, accommodates, accommodating, <i>accommodation</i>	<a href="#">accommodate</a>
accompany	<i>accompanied</i> , accompanies, accompaniment, accompanying, unaccompanied	<a href="#">accompany</a>
accumulate	accumulated, accumulating, <i>accumulation</i> , accumulates	<a href="#">accumulate</a>
<i>accurate</i>	accuracy, accurately, inaccuracy, inaccuracies, inaccurate	<a href="#">accurate</a>
<i>achieve</i>	achievable, achieved, achievement, achievements, achieves, achieving	<a href="#">achieve</a>
acknowledge	<i>acknowledged</i> , acknowledges, acknowledging, acknowledgement, acknowledgements	<a href="#">acknowledge</a>
acquire	acquired, acquires, acquiring, <i>acquisition</i> , acquisitions	<a href="#">acquire</a>
adapt	adaptability, adaptable, <i>adaptation</i> , adaptations, adapted, adapting, adaptive, adapts	<a href="#">adapt</a>
<i>adequate</i>	adequacy, adequately, inadequacies, inadequacy, inadequate, inadequately	<a href="#">adequate</a>
<i>adjacent</i>		<a href="#">adjacent</a>
adjust	adjusted, adjusting, <i>adjustment</i> , adjustments, adjusts, readjust, readjusted, readjusting, readjustment, readjustments, readjusts	<a href="#">adjust</a>
administrate	administrates, <i>administration</i> , administrations, administrative, administratively, administrator, administrators	<a href="#">administrate</a>
adult	adulthood, <i>adults</i>	<a href="#">adult</a>
<i>advocate</i>	advocacy, advocated, advocates, advocating	<a href="#">advocate</a>
<i>affect</i>	affected, affecting, affective, affectively, affects, unaffected	<a href="#">affect</a>

<i>aggregate</i>	aggregated, aggregates, aggregating, aggregation	aggregate
<i>aid</i>	aided, aiding, aids, unaided	aid
<i>albeit</i>		albeit
allocate	allocated, allocates, allocating, <i>allocation</i> , allocations	allocate
<i>alter</i>	alterable, alteration, alterations, altered, altering, alternate, alternating, alters, unalterable, unaltered	alter
<i>alternative</i>	alternatively, alternatives	alternative
<i>ambiguous</i>	ambiguities, ambiguity, unambiguous, unambiguously	ambiguous
amend	amended, amending, <i>amendment</i> , amendments, amends	amend
analogy	analogies, <i>analogous</i>	analogy
analyze	analyzed, analyzer, analyzers, analyses, analyzing, <i>analysis</i> , analyst, analysts, analytic, analytical, analytically	analyze
<i>annual</i>	annually	annual
anticipate	<i>anticipated</i> , anticipates, anticipating, anticipation, unanticipated	anticipate
<i>apparent</i>	apparently	apparent
append	<i>appendix</i> , appended, appends, appending, appendices, appendixes	append
appreciate	appreciable, appreciably, appreciated, appreciates, appreciating, <i>appreciation</i> , unappreciated	appreciate
<i>approach</i>	approachable, approached, approaches, approaching, unapproachable	approach
<i>appropriate</i>	appropriacy, appropriately, appropriateness, inappropriacy, inappropriate, inappropriately	appropriate
approximate	<i>approximated</i> , approximately, approximates, approximating, approximation, approximations	approximate
<i>arbitrary</i>	arbitrariness, arbitrarily	arbitrary
<i>area</i>	areas	area
aspect	<i>aspects</i>	aspect
assemble	assembled, assembles, assemblies, assembling, <i>assembly</i>	assemble
assess	assessable, assessed, assesses, assessing, <i>assessment</i> , assessments, reassess, reassessed, reassessing, reassessment, unassessed	assess
assign	<i>assigned</i> , assigning, assignment, assignments, assigns, reassign, reassigned, reassigning, reassigns, unassigned	assign
assist	<i>assistance</i> , assistant, assistants, assisted, assisting, assists, unassisted	assist
<i>assume</i>	assumed, assumes, assuming, assumption, assumptions	assume

assure	<i>assurance</i> , assurances, assured, assuredly, assures, assuring	assure
attach	<i>attached</i> , attaches, attaching, attachment, attachments, unattached	attach
attain	attainable, <i>attained</i> , attaining, attainment, attainments, attains, unattainable	attain
attitude	<i>attitudes</i>	attitude
attribute	attributable, <i>attributed</i> , attributes, attributing, attribution	attribute
<i>author</i>	authored, authoring, authors, authorship	author
<i>authority</i>	authoritative, authorities	authority
automate	automatic, automated, automates, automating, <i>automatically</i> , automation	automate
<i>available</i>	availability, unavailable	available
<i>aware</i>	awareness, unaware	aware
<i>behalf</i>		behalf
<i>benefit</i>	beneficial, beneficiary, beneficiaries, benefited, benefiting, benefits	benefit
<i>bias</i>	biased, biases, biasing, unbiased	bias
<i>bond</i>	bonded, bonding, bonds	bond
<i>brief</i>	brevity, briefed, briefing, briefly, briefs	brief
<i>bulk</i>	bulky	bulk
<i>capable</i>	capabilities, capability, incapable	capable
<i>capacity</i>	capacities, incapacitate, incapacitated	capacity
category	<i>categories</i> , categorization, categorize, categorized, categorizes, categorizing, categorizing	category
cease	ceased, ceaseless, <i>ceases</i> , ceasing	cease
<i>challenge</i>	challenged, challenger, challengers, challenges, challenging	challenge
<i>channel</i>	channeled, channeling, channels	channel
<i>chapter</i>	chapters	chapter
<i>chart</i>	charted, charting, charts, uncharted	chart
<i>chemical</i>	chemically, chemicals	chemical
circumstance	<i>circumstances</i>	circumstance
cite	citation, citations, <i>cited</i> , citing, cites	cite
<i>civil</i>		civil
clarify	clarification, clarified, clarifies, clarifying, <i>clarity</i>	clarify
classic	<i>classical</i> , classics	classic

<i>clause</i>	clauses	clause
<i>code</i>	coded, codes, coding	code
coherent	<i>coherence</i> , coherently, incoherent, incoherently	coherent
<i>coincide</i>	coincided, coincides, coinciding, coincidence, coincidences, coincident, coincidental	coincide
<i>collapse</i>	collapsed, collapses, collapsible, collapsing	collapse
colleague	<i>colleagues</i>	colleague
commence	<i>commenced</i> , commences, commencement, commencing, recommences, recommenced, recommencing	commence
comment	commentaries, commentary, commentator, commentators, commented, commenting, <i>comments</i>	comment
<i>commission</i>	commissioned, commissioner, commissioners, commissioning, commissions	commission
commit	<i>commitment</i> , commitments, commits, committed, committing	commit
<i>commodity</i>	commodities	commodity
communicate	communicable, communicated, communicates, communicating, <i>communication</i> , communications, communicative, communicatively, uncommunicative	communicate
<i>community</i>	communities	community
compatible	compatibility, incompatibility, <i>incompatible</i>	compatible
compensate	compensated, compensates, compensating, <i>compensation</i> , compensations, compensatory	compensate
compile	compilation, compilations, <i>compiled</i> , compiles, compiling	compile
<i>complement</i>	complementary, complemented, complementing, complements	complement
<i>complex</i>	complexities, complexity	complex
component	componentry, <i>components</i>	component
compound	compounded, compounding, <i>compounds</i>	compound
<i>comprehensive</i>	comprehensively	comprehensive
<i>comprise</i>	comprised, comprises, comprising	comprise
compute	computation, computational, computations, computable, <i>computer</i> , computed, computerized, computers, computing	compute
conceive	conceivable, conceivably, <i>conceived</i> , conceives, conceiving, inconceivable, inconceivably	conceive
concentrate	concentrated, concentrates, concentrating, <i>concentration</i>	concentrate
<i>concept</i>	conception, concepts, conceptual, conceptualization, conceptualize, conceptualized, conceptualizes, conceptualizing, conceptually	concept

conclude	concluded, concludes, concluding, <i>conclusion</i> , conclusions, conclusive, conclusively, inconclusive, inconclusively	conclude
<i>concurrent</i>	concurrently	concurrent
<i>conduct</i>	conducted, conducting, conducts	conduct
confer	<i>conference</i> , conferences, conferred, conferring, confers	confer
confine	<i>confined</i> , confines, confining, unconfined	confine
confirm	confirmation, <i>confirmed</i> , confirming, confirms	confirm
<i>conflict</i>	conflicted, conflicting, conflicts	conflict
conform	conformable, conformability, conformance, conformation, conformed, conforming, conformist, conformists, <i>conformity</i> , conforms, nonconformist, nonconformists, nonconformity, non-conformist, non-conformists, non-conformity	conform
<i>consent</i>	consensus, consented, consenting, consents	consent
consequent	consequence, <i>consequences</i> , consequently	consequent
<i>considerable</i>	considerably	considerable
consist	consisted, consistency, <i>consistent</i> , consistently, consisting, consists, inconsistencies, inconsistency, inconsistent	consist
<i>constant</i>	constancy, constantly, constants, inconstancy, inconstantly	constant
constitute	constituencies, constituency, constituent, constituents, constituted, constitutes, constituting, constitution, constitutions, <i>constitutional</i> , constitutionally, constitutive, unconstitutional	constitute
constrain	constrained, constraining, constrains, constraint, <i>constraints</i> , unconstrained	constrain
construct	constructed, constructing, <i>construction</i> , constructions, constructive, constructs, reconstruct, reconstructed, reconstructing, reconstruction, reconstructs	construct
consult	consultancy, consultant, consultants, <i>consultation</i> , consultations, consultative, consulted, consults, consulting	consult
consume	consumed, <i>consumer</i> , consumers, consumes, consuming, consumption	consume
<i>contact</i>	contactable, contacted, contacting, contacts	contact
<i>contemporary</i>	contemporaries	contemporary
<i>context</i>	contexts, contextual, contextualize, contextualized, contextualizing, uncontextualized	context
<i>contract</i>	contracted, contracting, contractor, contractors, contracts	contract
contradict	contradicted, contradicting, <i>contradiction</i> , contradictions, contradictory, contradicts	contradict

<i>contrary</i>	contrarily	contrary
<i>contrast</i>	contrasted, contrasting, contrastive, contrasts	contrast
contribute	contributed, contributes, contributing, <i>contribution</i> , contributions, contributor, contributors	contribute
<i>controversy</i>	controversies, controversial, controversially, uncontroversial	controversy
convene	<i>convention</i> , convenes, convened, convening, conventional, conventionally, conventions, unconventional	convene
converse	<i>conversely</i>	converse
convert	conversion, conversions, <i>converted</i> , convertible, converting, converts	convert
convince	<i>convinced</i> , convinces, convincing, convincingly, unconvinced	convince
cooperate	cooperated, cooperates, cooperating, cooperation, <i>cooperative</i> , cooperatively, co-operate, co-operated, co-operates, co-operation, co-operative, co-operatively	cooperate
coordinate	coordinated, coordinates, coordinating, <i>coordination</i> , coordinator, coordinators, co-ordinate, co-ordinated, co-ordinates, co-ordinating, co-ordination, co-ordinator, co-ordinators	coordinate
<i>core</i>	cores, coring, cored	core
<i>corporate</i>	corporates, corporation, corporations	corporate
correspond	corresponded, correspondence, <i>corresponding</i> , correspondingly, corresponds	correspond
<i>couple</i>	coupled, coupling, couples	couple
<i>create</i>	created, creates, creating, creation, creations, creative, creatively, creativity, creator, creators, recreate, recreated, recreates, recreating	create
<i>credit</i>	credited, crediting, creditor, creditors, credits	credit
<i>criteria</i>	criterion	criteria
<i>crucial</i>	crucially	crucial
culture	<i>cultural</i> , culturally, cultured, cultures, uncultured	culture
<i>currency</i>	currencies	currency
<i>cycle</i>	cycled, cycles, cyclic, cyclical, cycling	cycle
<i>data</i>		data
<i>debate</i>	debatable, debated, debates, debating	debate
decade	<i>decades</i>	decade
<i>decline</i>	declined, declines, declining	decline
deduce	deduced, deduces, deducing, <i>deduction</i> , deductions	deduce



define	definable, defined, defines, defining, <i>definition</i> , definitions, redefine, redefined, redefines, redefining, undefined	define
<i>definite</i>	definitely, definitive, indefinite, indefinitely	definite
<i>demonstrate</i>	demonstrable, demonstrably, demonstrated, demonstrates, demonstrating, demonstration, demonstrations, demonstrative, demonstratively, demonstrator, demonstrators	demonstrate
<i>denote</i>	denotation, denotations, denoted, denotes, denoting	denote
<i>deny</i>	deniable, denial, denials, denied, denies, denying, undeniable	deny
depress	depressed, depresses, depressing, <i>depression</i>	depress
derive	derivation, derivations, derivative, derivatives, <i>derived</i> , derives, deriving	derive
<i>design</i>	designed, designer, designers, designing, designs	design
<i>despite</i>		despite
detect	detectable, <i>detected</i> , detecting, detection, detective, detectives, detector, detectors, detects	detect
deviate	deviated, deviates, deviating, <i>deviation</i> , deviations	deviate
<i>device</i>	devices	device
devote	<i>devoted</i> , devotedly, devotes, devoting, devotion, devotions	devote
differentiate	differentiated, differentiates, differentiating, <i>differentiation</i>	differentiate
dimension	dimensional, <i>dimensions</i> , multidimensional	dimension
diminish	<i>diminished</i> , diminishes, diminishing, diminution, undiminished	diminish
discrete	discretely, <i>discretion</i> , discretionary, indiscrete, indiscretion	discrete
discriminate	discriminated, discriminates, discriminating, <i>discrimination</i>	discriminate
displace	displaced, <i>displacement</i> , displaces, displacing	displace
<i>display</i>	displayed, displaying, displays	display
dispose	disposable, <i>disposal</i> , disposed, disposes, disposing	dispose
distinct	<i>distinction</i> , distinctions, distinctive, distinctively, distinctly, indistinct, indistinctly	distinct
distort	<i>distorted</i> , distorting, distortion, distortions, distorts	distort
distribute	distributed, distributing, <i>distribution</i> , distributional, distributions, distributive, distributor, distributors, redistribute, redistributed, redistributes, redistributing, redistribution	distribute
diverse	diversely, diversification, diversified, diversifies, diversify,	diverse

	diversifying, <i>diversity</i>	
<i>document</i>	documentation, documented, documenting, documents	document
<i>domain</i>	domains	domain
<i>domestic</i>	domestically, domesticate, domesticated, domesticating, domestics	domestic
dominate	dominance, <i>dominant</i> , dominated, dominates, dominating, domination	dominate
<i>draft</i>	drafted, drafting, drafts, redraft, redrafted, redrafting, redrafts	draft
drama	dramas, <i>dramatic</i> , dramatically, dramatize, dramatized, dramatizing, dramatizes, dramatization, dramatizations, dramatist, dramatists, dramatization, dramatizations, dramatizing	drama
<i>duration</i>		duration
<i>dynamic</i>	dynamically, dynamics	dynamic
economy	<i>economic</i> , economical, economically, economics, economies, economist, economists, uneconomical	economy
edit	edited, editing, <i>edition</i> , editions, editor, editorial, editorials, editors, edits	edit
element	<i>elements</i>	element
<i>eliminate</i>	eliminated, eliminates, eliminating, elimination	eliminate
emerge	<i>emerged</i> , emergence, emergent, emerges, emerging	emerge
<i>emphasis</i>	emphasize, emphasized, emphasizing, emphatic, emphatically	emphasis
<i>empirical</i>	empirically, empiricism	empirical
<i>enable</i>	enabled, enables, enabling	enable
encounter	<i>encountered</i> , encountering, encounters	encounter
<i>energy</i>	energetic, energetically, energies	energy
enforce	enforced, <i>enforcement</i> , enforces, enforcing	enforce
enhance	<i>enhanced</i> , enhancement, enhances, enhancing	enhance
<i>enormous</i>	enormity, enormously	enormous
<i>ensure</i>	ensured, ensures, ensuring	ensure
entity	<i>entities</i>	entity
<i>environment</i>	environmental, environmentalist, environmentalists, environmentally, environments	environment
equate	equated, equates, equating, <i>equation</i> , equations	equate
equip	<i>equipment</i> , equipped, equipping, equips	equip
<i>equivalent</i>	equivalence	equivalent

erode	eroded, erodes, eroding, <i>erosion</i>	erode
<i>error</i>	erroneous, erroneously, errors	error
establish	disestablish, disestablished, disestablishes, disestablishing, disestablishment, <i>established</i> , establishes, establishing, establishment, establishments	establish
<i>estate</i>	estates	estate
<i>estimate</i>	estimated, estimates, estimating, estimation, estimations, over-estimate, overestimate, overestimated, overestimates, overestimating, underestimate, underestimated, underestimates, underestimating	estimate
ethic	<i>ethical</i> , ethically, ethics, unethical	ethic
<i>ethnic</i>	ethnicity	ethnic
evaluate	evaluated, evaluates, evaluating, <i>evaluation</i> , evaluations, evaluative, re-evaluate, re-evaluated, re-evaluates, re-evaluating, re-evaluation	evaluate
eventual	eventuality, <i>eventually</i>	eventual
evident	evidenced, <i>evidence</i> , evidential, evidently	evident
evolve	<i>evolution</i> , evolved, evolving, evolves, evolutionary, evolutionist, evolutionists	evolve
<i>exceed</i>	exceeded, exceeding, exceeds	exceed
exclude	<i>excluded</i> , excludes, excluding, exclusion, exclusionary, exclusionist, exclusions, exclusive, exclusively	exclude
<i>exhibit</i>	exhibited, exhibiting, exhibition, exhibitions, exhibits	exhibit
expand	expanded, expanding, expands, <i>expansion</i> , expansionism, expansive	expand
<i>expert</i>	expertise, expertly, experts	expert
<i>explicit</i>	explicitly	explicit
exploit	<i>exploitation</i> , exploited, exploiting, exploits	exploit
<i>export</i>	exported, exporter, exporters, exporting, exports	export
expose	exposed, exposes, exposing, <i>exposure</i> , exposures	expose
<i>external</i>	externalization, externalize, externalized, externalizes, externalizing, externality	external
<i>extract</i>	extracted, extracting, extraction, extracts	extract
<i>facilitate</i>	facilitated, facilitates, facilities, facilitating, facilitation, facilitator, facilitators, facility	facilitate
factor	factored, factoring, <i>factors</i>	factor
feature	featured, <i>features</i> , featuring	feature
<i>federal</i>	federation, federations	federal

fee	<i>fees</i>	fee
<i>file</i>	filed, files, filing	file
<i>final</i>	finalize, finalized, finalizes, finalizing, finality, finally, finals	final
finance	financed, finances, <i>financial</i> , financially, financier, financiers, financing	finance
<i>finite</i>	infinite, infinitely	finite
flexible	<i>flexibility</i> , inflexible, inflexibility	flexible
fluctuate	fluctuated, fluctuates, fluctuating, fluctuation, <i>fluctuations</i>	fluctuate
<i>focus</i>	focused, focuses, focusing, refocus, refocused, refocuses, refocusing	focus
<i>format</i>	formatted, formatting, formats	format
<i>formula</i>	formulae, formulas, formulate, formulated, formulating, formulation, formulations, reformulate, reformulated, reformulating, reformulation, reformulations	formula
<i>forthcoming</i>		forthcoming
found	<i>founded</i> , founder, founders, founding, unfounded	found
<i>foundation</i>	foundations	foundation
<i>framework</i>	frameworks	framework
<i>function</i>	functional, functionally, functioned, functioning, functions	function
fund	funded, funder, funders, funding, <i>funds</i>	fund
<i>fundamental</i>	fundamentally	fundamental
<i>furthermore</i>		furthermore
<i>gender</i>	genders	gender
generate	<i>generated</i> , generates, generating	generate
<i>generation</i>	generations	generation
globe	<i>global</i> , globally, globalization, globalizatiion	globe
goal	<i>goals</i>	goal
<i>grade</i>	graded, grades, grading	grade
grant	<i>granted</i> , granting, grants	grant
<i>guarantee</i>	guaranteed, guaranteeing, guarantees	guarantee
guideline	<i>guidelines</i>	guideline
<i>hence</i>		hence
hierarchy	<i>hierarchical</i> , hierarchies	hierarchy
highlight	<i>highlighted</i> , highlighting, highlights	highlight
<i>hypothesis</i>	hypotheses, hypothesize, hypothesized, hypothesizes,	hypothesis

	hypothesizing, hypothetical, hypothetically	
<i>identical</i>	identically	identical
identify	identifiable, identification, <i>identified</i> , identifies, identifying, identities, identity, unidentifiable	identify
<i>ideology</i>	ideological, ideologically, ideologies	ideology
ignorant	ignorance, ignore, <i>ignored</i> , ignores, ignoring	ignorant
illustrate	<i>illustrated</i> , illustrates, illustrating, illustration, illustrations, illustrative	illustrate
<i>image</i>	imagery, images	image
immigrate	immigrant, immigrants, immigrated, immigrates, immigrating, <i>immigration</i>	immigrate
<i>impact</i>	impacted, impacting, impacts	impact
implement	<i>implementation</i> , implemented, implementing, implements	implement
implicate	implicated, implicates, implicating, implication, <i>implications</i>	implicate
<i>implicit</i>	implicitly	implicit
imply	implied, <i>implies</i> , implying	imply
impose	<i>imposed</i> , imposes, imposing, imposition	impose
<i>incentive</i>	incentives	incentive
<i>incidence</i>	incident, incidentally, incidents	incidence
incline	<i>inclination</i> , inclinations, inclined, inclines, inclining	incline
<i>income</i>	incomes	income
incorporate	<i>incorporated</i> , incorporates, incorporating, incorporation	incorporate
<i>index</i>	indexed, indexes, indexing	index
<i>indicate</i>	indicated, indicates, indicating, indication, indications, indicative, indicator, indicators	indicate
<i>individual</i>	individualized, individuality, individualism, individualist, individualists, individualistic, individually, individuals	individual
induce	<i>induced</i> , induces, inducing, induction	induce
inevitable	inevitability, <i>inevitably</i>	inevitable
infer	inference, inferences, <i>inferred</i> , inferring, infers	infer
<i>infrastructure</i>	infrastructures	infrastructure
<i>inherent</i>	inherently	inherent
inhibit	inhibited, inhibiting, <i>inhibition</i> , inhibitions, inhibits	inhibit
<i>initial</i>	initially	initial
initiate	initiated, initiates, initiating, initiation, initiations, initiative, <i>initiatives</i> , initiator, initiators	initiate

injure	injured, injures, injuries, injuring, <i>injury</i> , uninjured	injure
innovate	<i>innovation</i> , innovated, innovates, innovating, innovations, innovative, innovator, innovators	innovate
<i>input</i>	inputs	input
<i>insert</i>	inserted, inserting, insertion, inserts	insert
insight	insightful, <i>insights</i>	insight
inspect	inspected, inspecting, <i>inspection</i> , inspections, inspector, inspectors, inspects	inspect
<i>instance</i>	instances	instance
<i>institute</i>	instituted, institutes, instituting, institution, institutional, institutionalize, institutionalized, institutionalizes, institutionalizing, institutionally, institutions	institute
instruct	instruction, instructed, instructing, <i>instructions</i> , instructive, instructor, instructors, instructs	instruct
<i>integral</i>		integral
integrate	integrated, integrates, integrating, <i>integration</i>	integrate
<i>integrity</i>		integrity
intelligent	<i>intelligence</i> , intelligently, unintelligent	intelligent
intense	intensely, intenseness, intensification, intensified, intensifies, intensify, intensifying, intension, <i>intensity</i> , intensive, intensively	intense
interact	interacted, interacting, <i>interaction</i> , interactions, interactive, interactively, interacts	interact
<i>intermediate</i>		intermediate
<i>internal</i>	internalize, internalized, internalizes, internalizing, internally	internal
interpret	<i>interpretation</i> , interpretations, interpretative, interpreted, interpreting, interpretive, interprets, misinterpret, misinterpretation, misinterpretations, misinterpreted, misinterpreting, misinterprets, reinterpret, reinterpreted, reinterprets, reinterpreting, reinterpretation, reinterpretations	interpret
<i>interval</i>	intervals	interval
intervene	intervened, intervenes, intervening, <i>intervention</i> , interventions	intervene
<i>intrinsic</i>	intrinsically	intrinsic
invest	invested, investing, <i>investment</i> , investments, investor, investors, invests, reinvest, reinvested, reinvesting, reinvestment, reinvests	invest
investigate	investigated, investigates, investigating, <i>investigation</i> ,	investigate

	investigations, investigative, investigator, investigators	
invoke	<i>invoked</i> , invokes, invoking	invoke
involve	<i>involved</i> , involvement, involves, involving, uninvolved	involve
isolate	<i>isolated</i> , isolates, isolating, isolation, isolationism	isolate
issue	issued, <i>issues</i> , issuing	issue
item	itemization, itemize, itemized, itemizes, itemizing, <i>items</i>	item
<i>job</i>	jobs	job
<i>journal</i>	journals	journal
justify	justifiable, justifiably, <i>justification</i> , justifications, justified, justifies, justifying, unjustified	justify
<i>label</i>	labeled, labeling, labels	label
<i>labor</i>	labored, laboring, labors	labor
<i>layer</i>	layered, layering, layers	layer
<i>lecture</i>	lectured, lecturer, lecturers, lectures, lecturing	lecture
<i>legal</i>	illegal, illegality, illegally, legality, legally	legal
legislate	legislated, legislates, legislating, <i>legislation</i> , legislative, legislator, legislators, legislature	legislate
<i>levy</i>	levies	levy
<i>liberal</i>	liberalize, liberalism, liberalization, liberalized, liberalizes, liberalizing, liberalization, liberate, liberated, liberates, liberation, liberations, liberating, liberator, liberators, liberally, liberals	liberal
<i>license</i>	licenses, license, licensed, licensing, licenses, unlicensed	license
<i>likewise</i>		likewise
<i>link</i>	linkage, linkages, linked, linking, links	link
locate	located, locating, <i>location</i> , locations, relocate, relocated, relocates, relocating, relocation	locate
<i>logic</i>	illogical, illogically, logical, logically, logician, logicians	logic
maintain	maintained, maintaining, maintains, <i>maintenance</i>	maintain
<i>major</i>	majorities, majority	major
manipulate	manipulated, manipulates, manipulating, <i>manipulation</i> , manipulations, manipulative	manipulate
<i>manual</i>	manually, manuals	manual
margin	<i>marginal</i> , marginally, margins	margin
<i>mature</i>	immature, immaturity, maturation, maturational, matured, matures, maturing, maturity	mature
maximize	max, maximized, maximizes, maximizing, maximization,	maximize

	<i>maximum</i>	
<i>mechanism</i>	mechanisms	<a href="#">mechanism</a>
<i>media</i>		<a href="#">media</a>
mediate	mediated, mediates, mediating, <i>mediation</i>	<a href="#">mediate</a>
<i>medical</i>	medically	<a href="#">medical</a>
<i>medium</i>		<a href="#">medium</a>
<i>mental</i>	mentality, mentally	<a href="#">mental</a>
<i>method</i>	methodical, methodological, methodologies, methodology, methods	<a href="#">method</a>
migrate	migrant, migrants, migrated, migrates, migrating, <i>migration</i> , migrations, migratory	<a href="#">migrate</a>
<i>military</i>		<a href="#">military</a>
<i>minimal</i>	mineralization, minimalize, minimalizes, minimalized, minimalizing, minimalist, minimalists, minimalistic, minimally	<a href="#">minimal</a>
minimize	<i>minimized</i> , minimizes, minimizing	<a href="#">minimize</a>
<i>minimum</i>		<a href="#">minimum</a>
<i>ministry</i>	ministered, ministering, ministerial, ministries	<a href="#">ministry</a>
minor	<i>minorities</i> , minority, minors	<a href="#">minor</a>
<i>mode</i>	modes	<a href="#">mode</a>
modify	modification, modifications, <i>modified</i> , modifies, modifying, unmodified	<a href="#">modify</a>
monitor	monitored, <i>monitoring</i> , monitors, unmonitored	<a href="#">monitor</a>
motive	motivate, motivated, motivates, motivating, <i>motivation</i> , motivations, motives, unmotivated	<a href="#">motive</a>
<i>mutual</i>	mutually	<a href="#">mutual</a>
negate	<i>negative</i> , negated, negates, negating, negatively, negatives	<a href="#">negate</a>
<i>network</i>	networked, networking, networks	<a href="#">network</a>
<i>neutral</i>	neutralization, neutralize, neutralized, neutralizes, neutralizing, neutrality	<a href="#">neutral</a>
<i>nevertheless</i>		<a href="#">nevertheless</a>
<i>nonetheless</i>		<a href="#">nonetheless</a>
norm	<i>norms</i>	<a href="#">norm</a>
<i>normal</i>	abnormal, abnormally, normalization, normalize, normalized, normalizes, normalizing, normality, normally	<a href="#">normal</a>
<i>notion</i>	notions	<a href="#">notion</a>
<i>notwithstanding</i>		<a href="#">notwithstanding</a>



<i>nuclear</i>		nuclear
<i>objective</i>	objectively, objectivity	objective
obtain	obtainable, <i>obtained</i> , obtaining, obtains, unobtainable	obtain
<i>obvious</i>	obviously	obvious
occupy	occupancy, occupant, occupants, occupation, <i>occupational</i> , occupations, occupied, occupier, occupiers, occupies, occupying	occupy
<i>occur</i>	occurred, occurrence, occurrences, occurring, occurs, reoccur, reoccurred, reoccurring, reoccurs	occur
<i>odd</i>	odds	odd
<i>offset</i>	offsets, offsetting	offset
<i>ongoing</i>		ongoing
<i>option</i>	optional, options	option
orient	orientate, orientated, orientates, <i>orientation</i> , orientating, oriented, orienting, orients, reorient, reorientation	orient
outcome	<i>outcomes</i>	outcome
<i>output</i>	outputs	output
<i>overall</i>		overall
<i>overlap</i>	overlapped, overlapping, overlaps	overlap
<i>overseas</i>		overseas
<i>panel</i>	paneled, paneling, panels	panel
<i>paradigm</i>	paradigms	paradigm
<i>paragraph</i>	paragraphing, paragraphs	paragraph
<i>parallel</i>	paralleled, parallels, unparallelled	parallel
parameter	<i>parameters</i>	parameter
participate	participant, participants, participated, participates, participating, <i>participation</i> , participatory	participate
partner	partners, <i>partnership</i> , partnerships	partner
<i>passive</i>	passively, passivity	passive
perceive	<i>perceived</i> , perceives, perceiving, perception, perceptions	perceive
<i>percent</i>	percentage, percentages	percent
<i>period</i>	periodic, periodical, periodically, periodicals, periods	period
persist	persisted, persistence, <i>persistent</i> , persistently, persisting, persists	persist
<i>perspective</i>	perspectives	perspective
<i>phase</i>	phased, phases, phasing	phase

<i>phenomenon</i>	phenomena, phenomenal	phenomenon
<i>philosophy</i>	philosopher, philosophers, philosophical, philosophically, philosophies, philosophize, philosophized, philosophizes, philosophizing	philosophy
<i>physical</i>	physically	physical
<i>plus</i>	pluses	plus
<i>policy</i>	policies	policy
<i>portion</i>	portions	portion
<i>pose</i>	<i>posed</i> , poses, posing	pose
<i>positive</i>	positively	positive
<i>potential</i>	potentially	potential
<i>practitioner</i>	<i>practitioners</i>	practitioner
<i>precede</i>	preceded, precedence, precedent, precedes, <i>preceding</i> , unprecedented	precede
<i>precise</i>	imprecise, precisely, precision	precise
<i>predict</i>	predictability, predictable, predictably, <i>predicted</i> , predicting, prediction, predictions, predicts, unpredictability, unpredictable	predict
<i>predominant</i>	predominance, <i>predominantly</i> , predominate, predominated, predominates, predominating	predominant
<i>preliminary</i>	preliminaries	preliminary
<i>presume</i>	presumably, presumed, presumes, presuming, <i>presumption</i> , presumptions, presumptuous	presume
<i>previous</i>	previously	previous
<i>primary</i>	primarily	primary
<i>prime</i>	primacy	prime
<i>principal</i>	principally	principal
<i>principle</i>	principled, principles, unprincipled	principle
<i>prior</i>		prior
<i>priority</i>	priorities, prioritization, prioritize, prioritized, prioritizes, prioritizing	priority
<i>proceed</i>	procedural, <i>procedure</i> , procedures, proceeded, proceeding, proceedings, proceeds	proceed
<i>process</i>	processed, processes, processing	process
<i>professional</i>	professionally, professionals, professionalism	professional
<i>prohibit</i>	<i>prohibited</i> , prohibiting, prohibition, prohibitions, prohibitive, prohibits	prohibit
<i>project</i>	projected, projecting, projection, projections, projects	project

<i>promote</i>	promoted, promoter, promoters, promotes, promoting, promotion, promotions	promote
<i>proportion</i>	disproportion, disproportionate, disproportionately, proportional, proportionally, proportionate, proportionately, proportions	proportion
<i>prospect</i>	prospective, prospects	prospect
<i>protocol</i>	protocols	protocol
<i>psychology</i>	psychological, psychologically, psychologist, psychologists	psychology
<i>publication</i>	publications	publication
publish	<i>published</i> , publisher, publishers, publishes, publishing, unpublished	publish
<i>purchase</i>	purchased, purchaser, purchasers, purchases, purchasing	purchase
<i>pursue</i>	pursued, pursues, pursuing, pursuit, pursuits	pursue
<i>qualitative</i>	qualitatively	qualitative
quote	<i>quotation</i> , quotations, quoted, quotes, quoting	quote
<i>radical</i>	radically, radicals	radical
<i>random</i>	randomly, randomness	random
<i>range</i>	ranged, ranges, ranging	range
<i>ratio</i>	ratios	ratio
<i>rational</i>	irrational, rationalization, rationalizations, rationalize, rationalized, rationalizes, rationalizing, rationalism, rationality, rationally	rational
react	reacted, reacts, reacting, <i>reaction</i> , reactionaries, reactionary, reactions, reactive, reactivate, reactivation, reactor, reactors	react
recover	recoverable, recovered, recovering, recovers, <i>recovery</i>	recover
<i>refine</i>	refined, refinement, refinements, refines, refining	refine
<i>regime</i>	regimes	regime
<i>region</i>	regional, regionally, regions	region
register	deregister, deregistered, deregistering, deregisters, deregistration, <i>registered</i> , registering, registers, registration	register
regulate	deregulated, deregulates, deregulating, deregulation, regulated, regulates, regulating, regulation, regulations, regulator, regulators, regulatory, unregulated	regulate
reinforce	<i>reinforced</i> , reinforcement, reinforcements, reinforces, reinforcing	reinforce
reject	<i>rejected</i> , rejecting, rejection, rejects, rejections	reject

relax	relaxation, <i>relaxed</i> , relaxes, relaxing	relax
<i>release</i>	released, releases, releasing	release
<i>relevant</i>	irrelevance, irrelevant, relevance	relevant
reluctance	<i>reluctant</i> , reluctantly	reluctance
rely	reliability, reliable, reliably, <i>reliance</i> , reliant, relied, relies, relying, unreliable	rely
remove	removable, removal, removals, <i>removed</i> , removes, removing	remove
require	<i>required</i> , requirement, requirements, requires, requiring	require
<i>research</i>	researched, researcher, researchers, researches, researching	research
reside	resided, residence, <i>resident</i> , residential, residents, resides, residing	reside
resolve	<i>resolution</i> , resolved, resolves, resolving, unresolved	resolve
resource	resourced, resourceful, <i>resources</i> , resourcing, unresourceful, under-resourced	resource
respond	responded, respondent, respondents, responding, responds, <i>response</i> , responses, responsive, responsiveness, unresponsive	respond
<i>restore</i>	restoration, restored, restores, restoring	restore
restrain	restrained, restraining, restrains, restraint, <i>restraints</i> , unrestrained	restrain
restrict	<i>restricted</i> , restricting, restriction, restrictions, restrictive, restrictively, restricts, unrestricted, unrestrictive	restrict
retain	<i>retained</i> , retaining, retainer, retainers, retains, retention, retentive	retain
reveal	<i>revealed</i> , revealing, reveals, revelation, revelations	reveal
<i>revenue</i>	revenues	revenue
<i>reverse</i>	reversal, reversed, reverses, reversible, reversing, reversals, irreversible	reverse
revise	revised, revises, revising, <i>revision</i> , revisions	revise
<i>revolution</i>	revolutionary, revolutionaries, revolutionize, revolutionized, revolutionizes, revolutionizing, revolutionist, revolutionists, revolutions	revolution
<i>rigid</i>	rigidities, rigidity, rigidly	rigid
<i>role</i>	roles	role
<i>route</i>	routed, routes, routing	route
<i>scenario</i>	scenarios	scenario
<i>schedule</i>	reschedule, rescheduled, reschedules, rescheduling, scheduled, schedules, scheduling, unscheduled	schedule

<i>scheme</i>	schematic, schematically, schemed, schemes, scheming	<a href="#">scheme</a>
<i>scope</i>		<a href="#">scope</a>
<i>section</i>	sectioned, sectioning, sections	<a href="#">section</a>
<i>sector</i>	sectors	<a href="#">sector</a>
secure	insecure, insecurities, insecurity, secured, securely, secures, securing, securities, <i>security</i>	<a href="#">secure</a>
seek	seeking, seeks, <i>sought</i>	<a href="#">seek</a>
<i>select</i>	selected, selecting, selection, selections, selective, selectively, selector, selectors, selects	<a href="#">select</a>
<i>sequence</i>	sequenced, sequences, sequencing, sequential, sequentially	<a href="#">sequence</a>
<i>series</i>		<a href="#">series</a>
<i>sex</i>	sexes, sexism, sexual, sexuality, sexually	<a href="#">sex</a>
<i>shift</i>	shifted, shifting, shifts	<a href="#">shift</a>
<i>significant</i>	insignificant, insignificantly, significance, significantly, signified, signifies, signify, signifying	<a href="#">significant</a>
<i>similar</i>	dissimilar, similarities, similarity, similarly	<a href="#">similar</a>
simulate	simulated, simulates, simulating, <i>simulation</i>	<a href="#">simulate</a>
<i>site</i>	sites	<a href="#">site</a>
<i>so-called</i>		<a href="#">so-called</a>
sole	<i>solely</i>	<a href="#">sole</a>
<i>somewhat</i>		<a href="#">somewhat</a>
<i>source</i>	sourced, sources, sourcing	<a href="#">source</a>
<i>specific</i>	specifically, specification, specifications, specificity, specifics	<a href="#">specific</a>
specify	specifiable, <i>specified</i> , specifies, specifying, unspecified	<a href="#">specify</a>
<i>sphere</i>	spheres, spherical, spherically	<a href="#">sphere</a>
stable	instability, stabilization, stabilize, stabilized, stabilizes, stabilizing, <i>stability</i> , unstable	<a href="#">stable</a>
statistic	statistician, statisticians, statistical, statistically, <i>statistics</i>	<a href="#">statistic</a>
<i>status</i>		<a href="#">status</a>
<i>straightforward</i>		<a href="#">straightforward</a>
strategy	strategic, <i>strategies</i> , strategically, strategist, strategists	<a href="#">strategy</a>
<i>stress</i>	stressed, stresses, stressful, stressing, unstressed	<a href="#">stress</a>
<i>structure</i>	restructure, restructured, restructures, restructuring, structural, structurally, structured, structures, structuring, unstructured	<a href="#">structure</a>
style	styled, <i>styles</i> , styling, stylish, stylize, stylized, stylizes,	<a href="#">style</a>

	stylizing	
submit	submission, submissions, submits, <i>submitted</i> , submitting	submit
<i>subordinate</i>	subordinates, subordination	subordinate
<i>subsequent</i>	subsequently	subsequent
subsidy	<i>subsidiary</i> , subsidies, subsidize, subsidized, subsidizes, subsidizing	subsidy
substitute	substituted, substitutes, substituting, <i>substitution</i>	substitute
successor	succession, successions, <i>successive</i> , successively, successors	successor
<i>sufficient</i>	sufficiency, insufficient, insufficiently, sufficiently	sufficient
<i>sum</i>	summation, summed, summing, sums	sum
<i>summary</i>	summaries, summarize, summarized, summarizes, summarizing, summarization, summarizations	summary
supplement	<i>supplementary</i> , supplemented, supplementing, supplements	supplement
<i>survey</i>	surveyed, surveying, surveys	survey
<i>survive</i>	survival, survived, survives, surviving, survivor, survivors	survive
suspend	<i>suspended</i> , suspending, suspends, suspension	suspend
sustain	<i>sustainable</i> , sustainability, sustained, sustaining, sustains, sustenance, unsustainable	sustain
symbol	<i>symbolic</i> , symbolically, symbolize, symbolizes, symbolized, symbolizing, symbolism, symbols	symbol
tape	taped, <i>tapes</i> , taping	tape
<i>target</i>	targeted, targeting, targets	target
<i>task</i>	tasks	task
<i>team</i>	teamed, teaming, teams	team
<i>technical</i>	technically	technical
technique	<i>techniques</i>	technique
<i>technology</i>	technological, technologically	technology
<i>temporary</i>	temporarily	temporary
tense	<i>tension</i> , tensely, tenser, tensest, tensions	tense
terminate	terminal, terminals, terminated, terminates, terminating, <i>termination</i> , terminations	terminate
<i>text</i>	texts, textual	text
<i>theme</i>	themes, thematic, thematically	theme
<i>theory</i>	theoretical, theoretically, theories, theorist, theorists	theory
<i>thereby</i>		thereby

<i>thesis</i>	theses	thesis
<i>topic</i>	topical, topics	topic
<i>trace</i>	traceable, traced, traces, tracing	trace
tradition	non-traditional, <i>traditional</i> , traditionalist, traditionally, traditions	tradition
<i>transfer</i>	transferable, transference, transferred, transferring, transfers	transfer
transform	<i>transformation</i> , transformations, transformed, transforming, transforms	transform
transit	transited, transiting, <i>transition</i> , transitional, transitions, transitory, transits	transit
transmit	<i>transmission</i> , transmissions, transmitted, transmitting, transmits	transmit
<i>transport</i>	transportation, transported, transporter, transporters, transporting, transports	transport
<i>trend</i>	trends	trend
<i>trigger</i>	triggered, triggering, triggers	trigger
ultimate	<i>ultimately</i>	ultimate
<i>undergo</i>	undergoes, undergoing, undergone, underwent	undergo
underlie	underlay, underlies, <i>underlying</i>	underlie
undertake	<i>undertaken</i> , undertakes, undertaking, undertook	undertake
<i>uniform</i>	uniformity, uniformly	uniform
unify	unification, <i>unified</i> , unifies, unifying	unify
<i>unique</i>	uniquely, uniqueness	unique
utilize	utilization, utilized, utilizes, utilizing, utilizer, utilizers, <i>utility</i> , utilities	utilize
valid	invalidate, invalidity, validate, validated, validating, validation, <i>validity</i> , validly	valid
vary	invariable, invariably, variability, variable, <i>variables</i> , variably, variance, variant, variants, variation, variations, varied, varies, varying	vary
<i>vehicle</i>	vehicles	vehicle
<i>version</i>	versions	version
<i>via</i>		via
violate	violated, violates, violating, <i>violation</i> , violations	violate
virtual	<i>virtually</i>	virtual
<i>visible</i>	visibility, visibly, invisible, invisibility	visible
<i>vision</i>	visions	vision

<i>visual</i>	visualize, visualized, visualized, visualizing, visualization, visually	visual
<i>volume</i>	volumes, vol	volume
<i>voluntary</i>	voluntarily, volunteer, volunteering, volunteered, volunteers	voluntary
<i>welfare</i>		welfare
<i>whereas</i>		whereas
<i>whereby</i>		whereby
<i>widespread</i>		widespread



***Sublist 1 of the Academic Word List - Most Frequent Words in Families***

This sublist contains the most frequent words of the Academic Word List in the Academic Corpus.

<i>analysis</i>	<i>percent</i>
<i>approach</i>	<i>period</i>
<i>area</i>	<i>policy</i>
<i>assessment</i>	<i>principle</i>
<i>assume</i>	<i>procedure</i>
<i>authority</i>	<i>process</i>
<i>available</i>	<i>required</i>
<i>benefit</i>	<i>research</i>
<i>concept</i>	<i>response</i>
<i>consistent</i>	<i>role</i>
<i>constitutional</i>	<i>section</i>
<i>context</i>	<i>sector</i>
<i>contract</i>	<i>significant</i>
<i>create</i>	<i>similar</i>
<i>data</i>	<i>source</i>
<i>definition</i>	<i>specific</i>
<i>derived</i>	<i>structure</i>
<i>distribution</i>	<i>theory</i>
<i>economic</i>	<i>variable</i>
<i>environment</i>	
<i>established</i>	
<i>estimate</i>	
<i>evidence</i>	
<i>export</i>	
<i>factors</i>	
<i>financial</i>	
<i>formula</i>	
<i>function</i>	
<i>identified</i>	
<i>income</i>	
<i>indicate</i>	
<i>individual</i>	
<i>interpretation</i>	
<i>involved</i>	
<i>issues</i>	
<i>labour</i>	
<i>legal</i>	
<i>legislation</i>	
<i>major</i>	
<i>method</i>	
<i>occur</i>	

***Sublist 2 of Academic Word List - Most Frequent Words in Families***

This sublist contains the second most frequent words in the Academic Word List from the Academic Corpus.

*achieve*  
*acquisition*  
*administration*  
*affect*  
*appropriate*  
*aspects*  
*assistance*  
*categories*  
*chapter*  
*commission*  
*community*  
*complex*  
*computer*  
*conclusion*  
*conduct*  
*consequences*  
*construction*  
*consumer*  
*credit*  
*cultural*  
*design*  
*distinction*  
*elements*  
*equation*  
*evaluation*  
*features*  
*final*  
*focus*  
*impact*  
*injury*

*institute*  
*investment*  
*items*  
*journal*  
*maintenance*  
*normal*  
*obtained*  
*participation*  
*perceived*  
*positive*  
*potential*  
*previous*  
*primary*  
*purchase*  
*range*  
*region*  
*regulations*  
*relevant*  
*resident*  
*resources*  
*restricted*  
*security*  
*sought*  
*select*  
*site*  
*strategies*  
*survey*  
*text*  
*traditional*  
*transfer*

***Sublist 3 of Academic Word List - Most Frequent Words in Families***

This sublist contains the third most frequent words of the Academic Word List in the Academic Corpus.

*alternative*  
*circumstances*  
*comments*  
*compensation*  
*components*  
*consent*  
*considerable*  
*constant*  
*constraints*  
*contribution*  
*convention*  
*coordination*  
*core*  
*corporate*  
*corresponding*  
*criteria*  
*deduction*  
*demonstrate*  
*document*  
*dominant*  
*emphasis*  
*ensure*  
*excluded*  
*framework*  
*funds*  
*illustrated*  
*immigration*  
*implies*  
*initial*  
*instance*

*interaction*  
*justification*  
*layer*  
*link*  
*location*  
*maximum*  
*minorities*  
*negative*  
*outcomes*  
*partnership*  
*philosophy*  
*physical*  
*proportion*  
*published*  
*reaction*  
*registered*  
*reliance*  
*removed*  
*scheme*  
*sequence*  
*sex*  
*shift*  
*specified*  
*sufficient*  
*task*  
*technical*  
*techniques*  
*technology*  
*validity*  
*volume*

***Sublist 4 of Academic Word List - Most Frequent Words in Families***

This sublist contains the fourth most frequent words of the Academic Word List in the Academic Corpus.

<i>access</i>	<i>parameters</i>
<i>adequate</i>	<i>phase</i>
<i>annual</i>	<i>predicted</i>
<i>apparent</i>	<i>principal</i>
<i>approximated</i>	<i>prior</i>
<i>attitudes</i>	<i>professional</i>
<i>attributed</i>	<i>project</i>
<i>civil</i>	<i>promote</i>
<i>code</i>	<i>regime</i>
<i>commitment</i>	<i>resolution</i>
<i>communication</i>	<i>retained</i>
<i>concentration</i>	<i>series</i>
<i>conference</i>	<i>statistics</i>
<i>contrast</i>	<i>status</i>
<i>cycle</i>	<i>stress</i>
<i>debate</i>	<i>subsequent</i>
<i>despite</i>	<i>sum</i>
<i>dimensions</i>	<i>summary</i>
<i>domestic</i>	<i>undertaken</i>
<i>emerged</i>	
<i>error</i>	
<i>ethnic</i>	
<i>goals</i>	
<i>granted</i>	
<i>hence</i>	
<i>hypothesis</i>	
<i>implementation</i>	
<i>implications</i>	
<i>imposed</i>	
<i>integration</i>	
<i>internal</i>	
<i>investigation</i>	
<i>job</i>	
<i>label</i>	
<i>mechanism</i>	
<i>obvious</i>	
<i>occupational</i>	
<i>option</i>	
<i>output</i>	
<i>overall</i>	
<i>parallel</i>	

***Sublist 5 of Academic Word List - Most Frequent Words in Families***

*academic*  
*adjustment*  
*alter*  
*amendment*  
*aware*  
*capacity*  
*challenge*  
*clause*  
*compounds*  
*conflict*  
*consultation*  
*contact*  
*decline*  
*discretion*  
*draft*  
*enable*  
*energy*  
*enforcement*  
*entities*  
*equivalent*  
*evolution*  
*expansion*  
*exposure*  
*external*  
*facilitate*  
*fundamental*  
*generated*  
*generation*  
*image*  
*liberal*  
*licence*  
*logic*  
*marginal*  
*medical*  
*mental*  
*modified*  
*monitoring*  
*network*  
*notion*  
*objective*  
*orientation*  
*perspective*  
*precise*  
*prime*  
*psychology*  
*pursue*  
*ratio*  
*rejected*  
*revenue*  
*stability*  
*styles*  
*substitution*  
*sustainable*  
*symbolic*  
*target*  
*transition*  
*trend*  
*version*  
*welfare*  
*whereas*

***Sublist 6 of Academic Word List - Most Frequent Words in Families***

*abstract*  
*accurate*  
*acknowledged*  
*aggregate*  
*allocation*  
*assigned*  
*attached*  
*author*  
*bond*  
*brief*  
*capable*  
*cited*  
*cooperative*  
*discrimination*  
*display*  
*diversity*  
*domain*  
*edition*  
*enhanced*  
*estate*  
*exceed*  
*expert*  
*explicit*  
*federal*  
*fees*  
*flexibility*  
*furthermore*  
*gender*  
*ignored*  
*incentive*

*incidence*  
*incorporated*  
*index*  
*inhibition*  
*initiatives*  
*input*  
*instructions*  
*intelligence*  
*interval*  
*lecture*  
*migration*  
*minimum*  
*ministry*  
*motivation*  
*neutral*  
*nevertheless*  
*overseas*  
*preceding*  
*presumption*  
*rational*  
*recovery*  
*revealed*  
*scope*  
*subsidiary*  
*tapes*  
*trace*  
*transformation*  
*transport*  
*underlying*  
*utility*

***Sublist 7 of Academic Word List - Most Frequent Words in Families***

*adaptation*  
*adults*  
*advocate*  
*aid*  
*channel*  
*chemical*  
*classical*  
*comprehensive*  
*comprise*  
*confirmed*  
*contrary*  
*converted*  
*couple*  
*decades*  
*definite*  
*deny*  
*differentiation*  
*disposal*  
*dynamic*  
*eliminate*  
*empirical*  
*equipment*  
*extract*  
*file*  
*finite*  
*foundation*  
*global*  
*grade*  
*guarantee*  
*hierarchical*  
*identical*  
*ideology*  
*inferred*  
*innovation*  
*insert*  
*intervention*  
*isolated*  
*media*  
*mode*  
*paradigm*  
*phenomenon*  
*priority*  
*prohibited*  
*publication*  
*quotation*  
*release*  
*reverse*

*simulation*  
*solely*  
*somewhat*  
*submitted*  
*successive*  
*survive*  
*thesis*  
*topic*  
*transmission*  
*ultimately*  
*unique*  
*visible*  
*voluntary*

***Sublist 8 of Academic Word List - Most Frequent Words in Families***

*abandon*  
*accompanied*  
*accumulation*  
*ambiguous*  
*appendix*  
*appreciation*  
*arbitrary*  
*automatically*  
*bias*  
*chart*  
*clarity*  
*conformity*  
*commodity*  
*complement*  
*contemporary*  
*contradiction*  
*crucial*  
*currency*  
*denote*  
*detected*  
*deviation*  
*displacement*  
*dramatic*  
*eventually*  
*exhibit*  
*exploitation*  
*fluctuations*  
*guidelines*  
*highlighted*  
*implicit*  
*induced*  
*inevitably*  
*infrastructure*  
*inspection*  
*intensity*  
*manipulation*  
*minimised*  
*nuclear*  
*offset*  
*paragraph*  
*plus*  
*practitioners*  
*predominantly*  
*prospect*  
*radical*  
*random*  
*reinforced*

*restore*  
*revision*  
*schedule*  
*tension*  
*termination*  
*theme*  
*thereby*  
*uniform*  
*vehicle*  
*via*  
*virtually*  
*widespread*  
*visual*



***Sublist 9 of Academic Word List - Most Frequent Words in Families***

*accommodation*  
*analogous*  
*anticipated*  
*assurance*  
*attained*  
*behalf*  
*bulk*  
*ceases*  
*coherence*  
*coincide*  
*commenced*  
*incompatible*  
*concurrent*  
*confined*  
*controversy*  
*conversely*  
*device*  
*devoted*  
*diminished*  
*distortion*  
*duration*  
*erosion*  
*ethical*  
*format*  
*founded*  
*inherent*  
*insights*  
*integral*  
*intermediate*  
*manual*  
*mature*  
*mediation*  
*medium*  
*military*  
*minimal*  
*mutual*  
*norms*  
*overlap*  
*passive*  
*portion*  
*preliminary*  
*protocol*  
*qualitative*  
*refine*  
*relaxed*  
*restraints*  
*revolution*

*rigid*  
*route*  
*scenario*  
*sphere*  
*subordinate*  
*supplementary*  
*suspended*  
*team*  
*temporary*  
*trigger*  
*unified*  
*violation*  
*vision*

***Sublist 10 of the Academic Word List - Most Frequent Words in Families***

This sublist contains the least frequent words of the Academic Word List in the Academic Corpus.

*adjacent*  
*albeit*  
*assembly*  
*collapse*  
*colleagues*  
*compiled*  
*conceived*  
*convinced*  
*depression*  
*encountered*  
*enormous*  
*forthcoming*  
*inclination*  
*integrity*  
*intrinsic*  
*invoked*  
*levy*  
*likewise*  
*nonetheless*  
*notwithstanding*  
*odd*  
*ongoing*  
*panel*  
*persistent*  
*posed*  
*reluctant*  
*so-called*  
*straightforward*  
*undergo*  
*whereby*

# Science & Technology Wordlist

## Science & Technology AWL

aboard, above-described, absorbed, absorption, ac, accelerate, accelerated, accelerators, acceptor, acceptor-impurity, accomplish, accomplished, accomplishing, acoustic, acoustical, acoustics, activate, activated, actuated, actuating, acute, ad, adder, advantageous, advent, adverse, agitation, airborne, air-circuit, aircraft, air-type, algebraic, align, aligned, aligning, alkali, alleviated, allotted, alloy, alloys, alternately, alternates, alternating-current, alternation, alternator, alternators, altitude, aluminum, aluminum-clad, amateur, ammeter, amp, amperage, ampere, amperes, amplification, amplified, amplifier, amplifiers, amplifies, amplify, amplifying, amplitude, amplitude-modulated, amplitudes, analogue, anatomy, announced, anode, anodes, anomalous, antenna, antennas, antimony, aperture, apparatus, appliances, arc, architectural, arithmetic, arithmetical, armature, armatures, array, arsenic, arthritis, ascertained, astronauts, atmosphere, atmospheres, atmospheric, atom, atomic, atoms, attenuated, attenuation, audible, audio, audio-frequency, audiometer, auxiliary, axis

backup, bands-short-wave, bandwidth, bandwidths, batteries, battery, battery-powered, benzene, billionths, binary, biologist, bismuth, black-and-white, blackouts, blank, blanking, blast, blend, blends, blurred, bob, bombardment, boosting, brakes, breakdown, breaker, breakers, bridged, brilliant, broadcast-band, broadcasters, brownout, bubble, buffers, bypassed

cable, cables, calculus, calibrated, calibration, cancel, candles, capacitance, capacitance-coupled, capacitances, capacitor, capacitors, capture, captured, carbon, car-ignition, carrier, carriers, cassette, cathode, cathode-ray, cell, cells, cellular, centimeter, ceramic, chemistry, chrominance, cinemas, circuit, circuitry, circuits, circulates, circulating, circumventing, clad, clapper, clef, closed-circuit, close-up, clues, clumsy, cluster, clusters, clutches, cm, coated, coating, coaxial, cohered, coil, coils, commercial-radio, commonplace, compact, compass, composers, compound-wound, compression, compressions, compromise, concentric, condenser, condensers, conduction, conductive, conductivity, conductor, conductors, cone, consoles, consonance, continental, continually, continuous-wave, converter, converters, copper-clad, coulomb, counter, counteract, crests, crucible, crude, crystal, crystalline, crystals, Curie, current-carrying, currents, curvature, cutter, cyclotrons, cylinder, cylinders, cylindrical

damping, darkens, dashes, dB, DC, decelerating, decibel, decibels, decode, decoded, decoder, decodes, decreed, deficiencies, deficiency, deflected, deflecting, deflection, deflects, deliberate, demagnetize, demagnetized, demodulated, demodulating, demodulation, denominator, density, dependence, deposited, deposits, devised, diagnostic, diagonal, diagram, diagrams, dials, diamagnetic, diameter, diamond-cubic, diaphragm, diathermy, dielectric, diesel, differential, diffraction, diffuse, digit, digital, digital-computer, digitally, diode, diode-having, diodes, dipole, direct-coupled, direct-current, directional, directivity, direct-satellite, direct-view, disc, discharge, discharged, discourage, discoverer, discriminators, discs, dish-shaped, disks, disproved, disrupted, dissector, dissipate, dissipation, dissonance, distributes, diverging, donor, donor-impurity, dotted, downwind, drawings, droplets, duly, dynamo, dynamoelectric, dynamotor, dynode, dynodes

earphones, echo, echoes, edifice, editing-particularly, efficiencies, efficiently, electrode, electrodes, electrodynamic, electrodynamicometers, electromagnet, electromagnetic, electromagnetism, electromagnets, electromechanical, electromotive, electron, electron-collecting, electronic, electronically, electronics, electrons, electroscope, electrostatic, elementary, emergencies, emission, emits, emitted, emitter, encodes, encoding, end-fed, energized, energizing, engraves, engraving, entailed, entails, enunciated, enveloped, euphonious, evacuated, exacting, executed, exerts, expended

fabricated, facsimile, facsimiles, farad, faraday, fax, feats, fed, feed, feedback, feeding, ferrite, ferromagnetic, fidelity, fig, filament, filaments, filings, filter, filtered, filtering, filters, fixed-pitch, fluid, flux, forerunner, fraction, frequencies, frequency-modulated, friction, fulfilled, fulfils, fun-and-fact, funnel-like, funnel-shaped, fuse, fuses

gallium, galvanometer, galvanometers, gamma, gaseous, geared, generator, generators, geologist, germanium, giant, gigahertz, glow, glowing, graphic, graphically, green-to, grid, grids, grid-system, grip, groove

halftone, halftones, half-wave, half-wavelength, ham, hand-held, harmonic, harmonically, harmonics, harmony, hazard, height, helical, heliograph, helix, heptodes, hertz, hexodes, high-fidelity, high-frequency, high-intensity, high-power, high-quality, high-resolution, high-speed, high-voltage, hiss, historically, homogeneous, horizontal, horseshoe, hot-wire, household, households, hue, hum, humidity, hundred-thousandth, hydroelectric, hydropower

iconoscope, illuminated, illuminates, illumination, imaging, imbalance, imbedded, immersed, impedance, impedance-coupled, impede, imperfect, imperfection, impinge, impinged, impregnated, impressed, impulses, impurities, inasmuch, incandescent, incoming, inconvenient, incurring, indestructible, indiscriminately, indium, inductance, inductance-coupled, inductances, inductive, industrialized, inertia, inextricably, infrared, inoperative, installations, installed, instantaneous, instrumentation, insulated, insulation, insulator, insulators, integer, integrated-circuit, intelligibility, intelligible, intelligibly, intensities, interconnected, interdependent, interestingly, interface, interfaces, interlaced, intermediate-range, internal-combustion, interposed, interrelated, interruption, inverse, inversely, inverse-square, ion, ionosphere, iron-vane

jargon, jean, joule, junction, junctions

keying, khz, kilohertz, kilovolt, kilovolts, kilowatt, kinescope, kinescopes, klystron, klystrons, km

laboratories, laboratory, lag, lambda, laminated, laminations, landings, lapse, large-diameter, large-scale, laser, lattice, latticework, launched, launches, leak, leaked, lee, lens, lenses, levitation, lightning, limiter, line-of-sight, line-see, lodestone, lodge, long-distance, longitudinal, longitudinally, long-range, long-wave, loop, loops, loudspeaker, loudspeakers, lower-voltage, low-frequency, low-speed, low-voltage, luminance, luminescence, luminous, lunar

magazines, magnet, magnetic, magnetism, magnetite, magnetization, magnetize, magnetized, magneto, magnetron, magnetrons, magnets, magnitude, magnitudes, manifests, mapped, mapping, marine, mariner, mars, maser, mask, masking, materials-into, mathematical, mathematician, mathematicians, medium-frequency, medium-wave, megahertz, megaphone, membrane, mercury, mesh, metallic, meter, meters, microcomputer, microphone, microprocessor, microscope, microscopic, microwave, microwaves, millionths, mimic, miniature, miniaturization, mirror, miscellaneous, missions, mixer, mixers, mobile, modulate, modulated, modulating, modulation, modulation-using, modulator, modules, moist, molecular, molecule, molecules, molten, monochrome, moon-landing, mounted, mounting, movable, mover, multimedia, multiples, multiplier, multiplier-which, multistage, mystical

naked, nanometers, naturalness, navigation, negative-feedback, neighboring, nongovernmental, north-seeking, nullify

obsolete, octave, octaves, off-screen, ohm, ohms, old-fashioned, one-half, one-hundredth, one-millionth, one-person, one-third, one-twentieth, online, opaque, openings, opposition, optical, optics, oracle, orbit, orbited, orbiting, organic, organist, originating, orthicon, orthicons, oscillate, oscillates, oscillating, oscillation, oscillations, oscillator, oscillators, oscilloscope, outermost, overloaded, overloads, overtones, overwrite, oxide

paramagnetic, paramagnets, particulars, pastime, patent, patented, paths-one, patronage, peak, pendulum, perceptual, perforated, perforations, permanent-magnet, perpendicular, pertaining, phonograph, phosphor, phosphors, phosphorus, photo, photoconductive, photoelectric, photographic, photolithography, photosensitive, phototubes, physician, physicist, physicists, physics, physiological, piano, pickup, piezoelectric, pioneer, pipe-type, pitch, pivoted, plastic, polar, poles, porcelain,

portable, postulated, postwar, potentialities, potentials, potentiometer, power-generating, power-transmission, predetermined, present-day, printed-circuit, programmable, propagate, propagated, propagation, propagator, proportionality, proximity, pulse, pulse-code, pulses, pulse-time, pylons

quantitative, quantum, quarter-wave, quartz, quartz-crystal, quench

rabbit-ear, radar, radiated, radiates, radiating, radiation, radiator, radio-broadcasting, radio-communication, radio-communications, radio-detectors, radio-frequency, radio-receiving, radiotelegraphy, radiotelephony, radius, ranger, rarefaction, rarefactions, reactance, readouts, reassembled, rebuilt, receivers, reception, receptor, recipes, recombined, reconstitute, recorded-so, recorder, record-player, re-create, re-creates, re-creating, rectification, rectified, rectifier, rectifiers, rectifying, recurring, reference, reflex, refraction, regenerative, relay, relayed, relaying, relays, remote, remote-control, remote-indicating, render, reorienting, repeater, repel, repels, repetition, reproducible, repulsion, repulsion-induction, repulsive, resemble, resembles, resembling, residual, resistances, resistant, resistor, resistors, resonance, resonant, resonates, resultant, resumed, retrace, retranslates, retransmit, retransmits, retrieval, revolved, revolves, revolving, rhombic, rim, rotary, rotate, rotated, rotates, rotating, rotation, rotor, rotors, rudimentary

satellite, satellites, satisfactorily, saturation, scan, scanned, scanner, scanning, scans, scholar, scrambled, scrap, script, sea-bottom, sealed, segments, selectivity, semiconductor, semiconductors, sensations, separator, series-wound, servomechanism, shaft, shellac, short-circuited, short-circuits, short-wave, shunt, shunt-wound, shutdowns, shutter, sidebands, silicon, simultaneously, single-phase, siren, six-year, skip, slits, smearing, soft-iron, software, software-controlled, solenoid, solid-state, sonar, sophisticated, sound-reproducing, soundtrack, sound-wave, southerly, south-seeking, soviet, spacecraft, spark, sparking, spectacular, spectrometers, spectrum, speculation, spiral, spirals, split-phase, spotlights, spurned, square-wave, squirrel-cage, squirrels, stacks, standardization, standardized, static, stationary, stator, step-down, step-up, stethoscope, stimulate, stimulated, stimulates, stimuli, storage, strengths, stroboscope, stroked, studio, stylus, subscribers, substation, substations, subtle, suitably, sunspot, superimposing, superior, superposition, supplanted, suppressed, surge, surged, surveyor, switch, switched, switches, switching, symmetrical, synchronism, synchronization, synchronized, synchronizing, synchronous

tank, taut, technologies, telecasts, telegraphic, telegraphy, telephony, telescopes, televising, television, televisions, tempered, tempo, temporal, termed, thereafter, thermal, thermocouple, three-element, three-phase, thunderstorm, thunderstorms, timbre, timing, tiny, tolerant, tone, tones, toothed, torque, trams, transatlantic, transducer, transformer, transformers, transistor, transistors, translucent, transmission-line, transmitter, transmitters, transparent, transverse, transversely, treble, tremors, tricolor, trillion, triode, triple, troughs, trumpet, tubing, tuner, tuners, turbine, turbines, turntable, turntable-into, two-element, two-junction, two-phase, two-pole, two-thirds, two-to-one

UHF, ultrahigh, ultrasonic, underground, underpins, undersea, understandable, underwater, undesired, unidirectional, unintentional, unpaired, upwind, usable, user-adjustable, utmost

vacuum, vacuum-tube, valence, valence-bond, valve, valves, vane, vanes, vapor, vector, vectors, velocity, verified, versa, vertical, vertically, very-high, very-high-frequency, VHF, vibrate, vibrates, vibrating, vibration, vibrations, vice, video, video-frequency, viewer, violin, violinist, viscosity, volt, voltage, voltages, voltaic, voltmeter, voltmeters, volts

wafers, warmer, wartime, watt, watt-hour, wattmeter, watts, waveform, wavelength, wavelength-designate, wavelengths, weaker, weakest, weather-satellite, weighing-balance, well-designed, wind-excited, windings, wireless, workstations, worldwide, x-ray, x-rays

yoke

zinc