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au-thor-ized /'ðθə,rɪzd/ ► **adj.** having official permission or approval: *an authorized dealer* | *authorized access to the computer.*

Au-thor-ized Ver-sion ► **n.** chiefly Brit. another name for **KING JAMES BIBLE.**

au-thor-ship /'ðθər,ʃɪp/ ► **n.** the fact or position of someone's having written a book or other written work: *an investigation into the authorship of the Gospels* | *joint authorship.* ■ the occupation of writing: *he took to authorship.*

au-tism /'ð,tɪzəm/ ► **n.** a mental condition, present from early childhood, characterized by difficulty in communicating and forming relationships with other people and in using language and abstract concepts. ■ a mental condition in which fantasy dominates over reality, as a symptom of schizophrenia and other disorders.

— **DERIVATIVES** **au-tist** **n.**

— **ORIGIN** early 20th cent.: from Greek *autos* 'self' + *-ism*.

au-tis-tic /'ð,tɪstɪk/ ► **adj.** of, relating to, or affected by autism.

► **n.** an autistic person.

au-tis-tic spec-trum dis-or-der ► **n.** any condition in which the subject displays autistic characteristics.

au-to /'ð,tō/ ► **n.** (pl. *autos*) [usu. as modifier] informal an automobile: *the auto industry.*

— **ORIGIN** late 19th cent.: abbreviation of **AUTOMOBILE.**

auto- (usu. *aut-* before a vowel) ► **comb. form** 1 self: *autoanalysis.* ■ one's own: *autograph.* ■ by oneself or spontaneous: *autoxidation.* ■ by itself or automatic: *autofocusing.*

2 relating to cars: *autocross.*

— **ORIGIN** from Greek *autos* 'self'. Sense 2 is a back-formation from *automobile*.

au-to-an-ti-bod-y /'ð,tō'anti,bədi/ ► **n.** (pl. *autoantibodies*) Physiology an antibody produced by an organism in response to a constituent of its own tissues.

au-to-bahn /'ð,tə,bān/ ► **n.** a German, Austrian, or Swiss expressway.

— **ORIGIN** 1930s: from German, from *Auto* 'automobile' + *Bahn* 'path, road.'

au-to-bi-o-graph-i-cal /'ð,təbi'əgrəfikəl/ ► **adj.** (of a written work) dealing with the writer's own life: *an autobiographical account* | *the book is partly autobiographical.*

— **DERIVATIVES** **au-to-bi-o-graph-ic** /-fɪk/ **adj.**

au-to-bi-og-ra-phy /'ð,təbi'əgrəfi/ ► **n.** (pl. *autobiographies*) an account of a person's life written by that person: *he gives a vivid description of his childhood in his autobiography.* ■ such writing as a literary genre.

— **DERIVATIVES** **au-to-bi-og-ra-pher** /-fər/ **n.**

au-to-ca-tal-y-sis /'ð,təkə'tələsɪs/ ► **n.** Chemistry

catalysis of a reaction by one of its products.

— **DERIVATIVES** **au-to-cat-a-lyst** /-kə'təlɪst/ **n.**

au-to-cat-a-lyt-ic /-kə'təlɪtɪk/ **adj.**

au-to-ceph-a-lous /'ð,tə'sefələs/ ► **adj.** (of an Eastern Christian Church) appointing its own head, not subject to the authority of an external patriarch or archbishop.

— **ORIGIN** mid 19th cent.: from Greek *autokephalos* (from *autos* 'self' + *kephalē* 'head') + *-ous*.

au-to-chrome /'ð,tə,krəm/ ► **n.** [usu. as modifier] an early form of color photography using plates coated with dyed starch grains, patented by the Lumière brothers in 1904: *the autochrome process.* ■ a color photograph made by this process.

au-toch-thon /'ð,təktən/ ► **n.** (pl. *autochthons* or *autochthones* /-tən,neɪz/) an original or indigenous inhabitant of a place; an aborigine.

— **ORIGIN** late 16th cent.: from Greek, literally 'sprung from the earth,' from *autos* 'self' + *kthōn* 'earth, soil.'

au-toch-tho-nous /'ð,təktənəs/ ► **adj.** (of an inhabitant of a place) indigenous rather than descended from migrants or colonists. ■ Geology (of a deposit or formation) formed in its present position. Often contrasted with **ALLOCHTHONOUS.**

au-to-clave /'ð,təklāv/ ► **n.** a strong, heated container used for chemical reactions and other processes using high pressures and temperatures, e.g., steam sterilization.

► **v.** [with obj.] heat (something) in an autoclave.

— **ORIGIN** late 19th cent.: from French, from *auto-* 'self' + Latin *clavis* 'nail' or *clavis* 'key' (so called because it is self-fastening).

au-to-com-plete /'ð,təkəm'plɛt/ **Computing** ► **n.** a software function that gives users the option of completing words or forms by a shorthand method on the basis of what has been typed before.

► **v.** [with obj.] complete (a word or form) in this way.

au-to-cor-re-la-tion /'ð,tō,kōrələ'shan/ ► **n.** Statistics correlation between the elements of a series and

others from the same series separated from them by a given interval. ■ a calculation of such correlation.

au-toc-ra-cy /'ð,təkrəsi/ ► **n.** (pl. *autocracies*) a system of government by one person with absolute power. ■ a regime based on such a principle of government. ■ a country, state, or society governed in such a way. ■ domineering rule or control: *a boss who shifts between autocracy, persuasion, and consultation.*

— **ORIGIN** mid 17th cent. (in the sense 'autonomy'): from Greek *autokratai*, from *autokratēs* (see **AUTOCRAT**).

au-to-crat /'ð,təkrət/ ► **n.** a ruler who has absolute power. ■ someone who insists on complete obedience from others; an imperious or domineering person.

— **ORIGIN** early 19th cent.: from French *autocrate*, from Greek *autokratēs*, from *autos* 'self' + *kratos* 'power.'

au-to-crat-ic /'ð,təkrə'tɪk/ ► **adj.** of or relating to a ruler who has absolute power: *the constitutional reforms threatened his autocratic power.* ■ taking no account of other people's wishes or opinions; domineering: *an autocratic management style.*

— **DERIVATIVES** **au-to-crat-i-cal-ly** /-ɪk(ə)lē/ **adv.**

au-to-cross /'ð,tō,krɒs, -krās/ ► **n.** a form of competition in which cars are driven around an obstacle course, typically marked out by cones.

— **ORIGIN** 1960s: blend of **AUTOMOBILE** and **CROSS-COUNTRY.**

au-to-da-fé /'ð,tō də 'fæ/ ► **n.** (pl. *autos-da-fé*) the burning of a heretic by the Spanish Inquisition. ■ a sentence of such a kind.

— **ORIGIN** early 18th cent.: from Portuguese, literally 'act of the faith.'

au-to-di-al /'ð,tō,dɪ(ə)l/ ► **n.** a function of telephonic equipment that allows for automatic dialing of preprogrammed or of randomly selected numbers: *have a telephone with autodial by your bed.*

► **v.** (*autodial*s, *autodialing*, *autodialed*; Brit. *autodials*, *autodialling*, *autodialled*) automatically dial a telephone number, with or without human prompting: [no obj.] *it had autodialed and been online for over 2 hours* | [with obj.] *if the first number is busy the modem autodialled the backup number.*

au-to-dial-er /'ð,tō,dɪ(ə)lər/ ► **n.** an electronic device that dials telephone numbers randomly or from a list and may also leave messages and request information.

au-to-di-dact /'ð,tō'dɪ,dəkt/ ► **n.** a self-taught person.

— **DERIVATIVES** **au-to-di-dac-tic** /-dɪ'dəktɪk/ **adj.**

— **ORIGIN** mid 18th cent.: from Greek *autodidakτος* 'self-taught,' from *autos* 'self' + *didaskēin* 'teach.'

au-to-e-col-o-gy /'ð,tō'ɪ'kələj/ ► **n.** variant spelling of **AUTECOLOGY.**

au-to-e-rot-ic /'ð,tō'ɪ'rə'tɪk/ ► **adj.** of or relating to sexual excitement generated by stimulating or fantasizing about one's own body.

— **DERIVATIVES** **au-to-e-rot-i-ci-sm** /-sɪzəm/ **n.**

au-to-e-rot-ic as-phyx-i-a ► **n.** asphyxia that results from intentionally strangling oneself while masturbating, in an attempt to heighten sexual pleasure by limiting the oxygen supply to the brain.

au-to-ex-po-sure /'ð,tō'ɪk'spəʒər/ ► **n.** a device that sets the exposure automatically on a camera or other piece of equipment. ■ the facility to set exposure automatically.

au-to-fo-cus /'ð,tō'fōkəs/ ► **n.** a device that focuses a camera or other piece of equipment automatically. ■ automatic focusing.

— **DERIVATIVES** **au-to-fo-cus-ing** /-sɪŋ/ **n.**

au-tog-a-my /'ð,təgəmə/ ► **n.** Biology self-fertilization, esp. the self-pollination of a flower.

— **DERIVATIVES** **au-tog-a-mous** /-məs/ **adj.**

— **ORIGIN** late 19th cent.: from **AUTO-** 'self' + Greek *-gamia* (from *gamos* 'marriage').

au-to-gen-et-ic /'ð,tōjə'netɪk/ ► **adj.** technical self-generated: *autogenetic succession.*

au-to-gen-ic train-ing /'ð,tə'jenɪk/ ► **n.** a form of relaxation therapy involving autosuggestion.

au-tog-e-nous /'ð,təjənəs/ ► **adj.** arising from within or from a thing itself. ■ (of welding) done either without solder or with a filler of the same metal as the pieces being welded.

au-to-gi-ro /'ð,tō'jɪrō/ (also *autogyro*) ► **n.** (pl. *autogiros*) a form of aircraft with freely rotating horizontal vanes and a propeller. It differs from a helicopter in that the vanes are not powered but rotate in the slipstream, propulsion being by a conventional mounted engine.

— **ORIGIN** 1920s: from Spanish, from *auto-* 'self' + *giro* 'gyration.'

au-to-graft /'ð,təgrəft/ ► **n.** a graft of tissue from one point to another of the same individual's body.

au-to-graph /'ð,təgrəf/ ► **n.** 1 a signature, esp. that of a celebrity written as a memento for an admirer: *fans surged around the car asking for autographs.* 2 a musician's or musical score in the author's or musician's own handwriting. ■ a person's handwriting: *a songbook in Purcell's autograph.*

► **v.** [with obj.] (of a celebrity) write one's signature on (something); sign: *the whole team autographed a shirt for him* | (as **adj.** *autographed*) *an autographed photo.*

► **adj.** written in the author's own handwriting: *an autograph manuscript.* ■ (of a painting or sculpture) done by the artist, not by a copier.

— **ORIGIN** early 17th cent.: from French *autographe* or late Latin *autographum*, from Greek *autographōn*, neuter of *autographos* 'written with one's own hand,' from *autos* 'self' + *graphos* 'written.'

au-tog-ra-phy /'ð,təgrəfi/ ► **n.** (pl. *autographies*) an autobiography: *Arthur Miller's splendid autography, Timebends.*

au-to-harp /'ð,tō'hɑ:p/ ► **n.** trademark a kind of zither with a mechanical device that allows the playing of a chord by damping all the other strings.

au-to-hyp-no-sis /'ð,tōhɪp'nōsɪs/ ► **n.** induction of a hypnotic state in oneself; self-hypnosis.

— **DERIVATIVES** **au-to-hyp-not-ic** /-nə'tɪk/ **adj.**

au-to-im-mune /'ð,tōə'myūn/ ► **adj.** Medicine of or relating to disease caused by antibodies or lymphocytes produced against substances naturally present in the body: *the infection triggers an autoimmune response.*

— **DERIVATIVES** **au-to-im-mu-ni-ty** /-nɪtē/ **n.**

au-to-in-tox-i-ca-tion /'ð,tō'ɪn,təksɪ'kəʃən/ ► **n.** Medicine poisoning by a toxin formed within the body itself.

au-to-load /'ð,tō'ləʊd/ ► **adj.** self-loading;

semiautomatic: *24mm film in autoloaḍ cartridges.*

— **DERIVATIVES** **au-to-load-er** **n.**, **au-to-load-ing** **n.**

au-to-l-o-gous /'ð,tələgəs/ ► **adj.** (of cells or tissues) obtained from the same individual: *autologous bone marrow transplants.*

au-to-l-y-sis /'ð,tələlɪsɪs/ ► **n.** Biology the destruction of cells or tissues by their own enzymes, esp. those released by lysosomes.

— **DERIVATIVES** **au-to-lyt-ic** /'ð,təlɪtɪk/ **adj.**

au-to-mag-i-c-al-ly /'ð,tə'məjɪk(ə)lē/ ► **adv.** informal (esp. in relation to the operation of a computer process) automatically and in a way that seems ingenious, inexplicable, or magical: *just type in the name of what you want to listen to, and it automatically appears on your computer.*

— **ORIGIN** 1940s: blend of **AUTOMATICALLY** and **MAGICALLY.**

au-to-mat /'ð,tə,mət/ ► **n.** historical a cafeteria in which food and drink were obtained from vending machines.

— **ORIGIN** late 17th cent. (denoting an automaton): from German, from French *automate*, from Latin *automaton* (see **AUTOMATON**). The current sense dates from the early 20th cent.

au-to-mate /'ð,tə,mæt/ ► **v.** [with obj.] convert (a process or facility) to largely automatic operation: *industry is investing in automating production* | (as **adj.** *automated*) *a fully automated process.*

— **ORIGIN** 1950s: back-formation from **AUTOMATION.**

au-to-mat-ed Clear-ing-house /'ð,tə,mə'tɪd 'kli(ə)rɪŋ,həʊs/ ► **n.** the clearing and settlement system used by US commercial banks and other institutions.

au-to-mat-ed tell-er ma-chine (also **automatic teller machine**) (abbr. **ATM**) ► **n.** a machine that automatically provides cash and performs other banking services on insertion of a special card by the account holder.

au-to-mat-ic /'ð,tə'mə'tɪk/ ► **adj.** 1 (of a device or process) working by itself with little or no direct human control: *an automatic kettle that switches itself off when it boils* | *calibration is fully automatic.* ■ (of a firearm) self-loading and able to fire continuously until the ammunition is exhausted or the pressure on the trigger is released: *automatic weapons.* ■ (of a motor vehicle or its transmission) using gears that shift by themselves according to speed and acceleration: *a four-speed automatic gearbox.*

2 done or occurring spontaneously, without conscious thought or intention: *automatic physical functions such as breathing* | "Nice to meet you," *he said, with automatic politeness.* ■ occurring as a matter of course and without debate: *he is the automatic choice for the senior team.* ■ (esp. of a legal sanction) given or imposed as a necessary and

PRONUNCIATION KEY ə ago, up; ər over, fur; a hat; ā ate; ā car; e let; ē see; ī fit; ī by; NG sing; ō go; ō law, for; ōi toy; ōō good; ōō goo; ou out; TH thin; TH then; ZH vision

inevitable result of a fixed rule or particular set of circumstances: *for missing the team workout, he received an automatic one-game suspension.*

- **n. 1** an automatic machine or device, in particular:
 ■ a gun that continues firing until the ammunition is exhausted or the pressure on the trigger is released. ■ a vehicle with automatic transmission.
2 Football another term for **AUDIBLE**.
 - **DERIVATIVES** **au-to-mat-i-cal-ly** /-ik(ə)lē/ **adv.**, **au-to-mat-i-cal-ty** /-mə'tisite/ **n.**
 - **ORIGIN** mid 18th cent.: from Greek *automatos* 'acting of itself' (see **AUTOMATON**) + **-ic**.

au-to-mat-ic gain con-trol (abbr.: **AGC**) ► **n.**

Electronics a feature of certain amplifier circuits that gives a constant output over a wide range of input levels.

au-to-mat-ic pi-lot ► **n.** a device for keeping an aircraft on a set course without the intervention of the pilot: figurative *cruising through life on automatic pilot*.

au-to-mat-ic writ-ing ► **n.** writing said to be produced by a spiritual, occult, or subconscious agency rather than by the conscious intention of the writer.

au-to-ma-tion /dɒ'təmə'shən/ ► **n.** the use of largely automatic equipment in a system of manufacturing or other production process: *unemployment due to the spread of automation* | *the automation of office tasks*.

- **ORIGIN** 1940s (originally US): irregular formation from **AUTOMATIC** + **-ation**.

au-tom-a-tism /dɒ'təmə'tizəm/ ► **n.** the performance of actions without conscious thought or intention.

■ Art the avoidance of conscious intention in producing works of art, esp. by using mechanical techniques or subconscious associations. ■ an action performed unconsciously or involuntarily.
 - **ORIGIN** mid 19th cent.: from French *automatisme*, from *automate* 'automaton', from Greek *automatos* 'acting of itself' (see **AUTOMATON**).

au-tom-a-tize /dɒ'təmə'taɪz/ ► **v.** [with obj.] (usu. as **adj. automatized**) make automatic or habitual: *the need to refresh automatized forms of literature*.

- **DERIVATIVES** **au-tom-a-ti-za-tion** /dɒ'təmə'taɪzə'shən/ **n.**

au-tom-a-ton /dɒ'təmə'tən, -tæn/ ► **n.** (pl. **automata** /-tə/ or **automatons**) a moving mechanical device made in imitation of a human being. ■ a machine that performs a function according to a predetermined set of coded instructions, esp. one capable of a range of programmed responses to different circumstances. ■ used in similes and comparisons to refer to a person who seems to act in a mechanical or unemotional way: *she went about her preparations like an automaton*.

- **ORIGIN** early 17th cent.: via Latin from Greek, neuter of *automatos* 'acting of itself', from *autos* 'self'.

au-to-mim-ic-ry /dɒ'tə'mimikrē/ ► **n.** the mimicking or accentuation of some characteristic of one's own species as an adaptive response.

au-to-mize /dɒ'tə'maɪz/ ► **v. 1** another term for **AUTOMATE**.
2 another term for **AUTOMATIZE**.

au-to-mo-bile /dɒ'təmə'bēl/ ► **n.** a road vehicle, typically with four wheels, powered by an internal combustion engine or electric motor and able to carry a small number of people.

- **ORIGIN** late 19th cent.: from French, from *auto* 'self' + *mobile* 'mobile'.

au-to-mo-tive /dɒ'tə'mōtīv/ ► **adj.** [attrib.] of, relating to, or concerned with motor vehicles.

au-to-nom-ic /dɒ'tə'nāmik/ ► **adj.** [attrib.] chiefly Physiology involuntary or unconscious; relating to the autonomic nervous system.

- **ORIGIN** mid 19th cent. (in the sense 'self-governing'): from **AUTONOMY** + **-ic**.

au-to-nom-ic nerv-ous sys-tem ► **n.** the part of the nervous system responsible for control of the bodily functions not consciously directed, such as breathing, the heartbeat, and digestive processes.

au-ton-o-mous /dɒ'tənəməs/ ► **adj.** (of a country or region) having self-government, at least to a significant degree: *the federation included sixteen autonomous republics*. ■ acting independently or having the freedom to do so: *an autonomous committee of the school board* | *autonomous underwater vehicles*. ■ (in Kantian moral philosophy) acting in accordance with one's moral duty rather than one's desires.

- **DERIVATIVES** **au-ton-o-mous-ly** **adv.**
 - **ORIGIN** early 19th cent.: from Greek *autonomos* 'having its own laws' + **-ous**.

au-ton-o-my /dɒ'tənəmə/ ► **n.** (pl. **autonomies**) (of a country or region) the right or condition of self-government, esp. in a particular sphere: *Tatarstan demanded greater autonomy within the Russian Federation*. ■ a self-governing country

or region. ■ freedom from external control or influence; independence: *economic autonomy is still a long way off for many women*. ■ (in Kantian moral philosophy) the capacity of an agent to act in accordance with objective morality rather than under the influence of desires.

- **DERIVATIVES** **au-ton-o-mist** /-mɪst/ **n. & adj.**

- **ORIGIN** early 17th cent.: from Greek *autonomia*, from *autonomos* 'having its own laws', from *autos* 'self' + *nomos* 'law'.

au-to-pa-thog-ra-phy /dɒ'təpə'thəgrəfi/ ► **n.** (pl. **autopathographies**) an autobiography dealing primarily with the influence of a disease, disability, or psychological disorder on the author's life.

- **ORIGIN** blend of *autobiography* and *pathography*.

au-to-pi-lot /dɒ'təpɪlət/ ► **n.** short for **AUTOMATIC PILOT**.

au-top-sy /dɒ'təpsē/ ► **n.** (pl. **autopsies**) a postmortem examination to discover the cause of death or the extent of disease: [as modifier] *an autopsy report*.

► **v.** (**autopsies**, **autopsying**, **autopsied**) [with obj.] perform a postmortem examination on (a body or organ): (as **adj.** **autopsied**) *an autopsied brain*.

- **ORIGIN** mid 17th cent. (in the sense 'personal observation'): from French *autopsie* or modern Latin *autopsia*, from Greek, from *autoptēs* 'eyewitness', from *autos* 'self' + *optos* 'seen'.

au-to-ra-di-o-gram /dɒ'tə'rædēə'græm/ ► **n.** another term for **AUTORADIOGRAPH**.

au-to-ra-di-o-graph /dɒ'tə'rædēə'græf/ ► **n.** a photograph of an object produced by radiation from radioactive material in the object and revealing the distribution or location of labeled material in the object.

► **v.** [with obj.] make an autoradiograph of.

- **DERIVATIVES** **au-to-ra-di-o-graph-ic** /-rædēə'græfik/ **adj.**, **au-to-ra-di-o-graph-ic-ly** /-rædēə'græfikli/ **adv.**

au-to-ro-ta-tion /dɒ'tə'rō'tā'shən/ ► **n.** rotation of an object caused by the flow of moving air or water around the shape of the object (e.g., a winged seed).

■ such rotation in the rotor blades of a helicopter that is descending without engine power.

- **DERIVATIVES** **au-to-ro-tate** /-rō'tāt/ **v.**

au-to-route /dɒ'tə'rōʊt/ ► **n.** a highway in a French-speaking country.

- **ORIGIN** 1960s: from French, from *auto* ('mobile') 'car' + *route* 'route'.

au-to-shap-ing /dɒ'tə'shāpɪŋ/ ► **n.** Psychology a method of conditioning in which the conditioned response has not been reinforced by reward or punishment, but is a modified instinctive response to certain stimuli.

au-to-some /dɒ'tə'sōm/ ► **n.** Biology any chromosome that is not a sex chromosome.

- **DERIVATIVES** **au-to-so-mal** /dɒ'tə'sōməl/ **adj.**

au-to-stra-da /dɒ'tə'strædə/ ► **n.** (pl. **autostradas** or **autostrade** /-strædə/) an Italian highway.

- **ORIGIN** 1920s: from Italian, from *auto* 'automobile' + *strada* 'road'.

au-to-sug-ges-tion /dɒ'tə'sə(g)'jeschən/ ► **n.** the hypnotic or subconscious adoption of an idea that one has originated oneself, e.g. through repetition of verbal statements to oneself in order to change behavior.

au-to-tel-ic /dɒ'tə'telɪk/ ► **adj.** formal (of an activity or a creative work) having an end or purpose in itself.

- **ORIGIN** early 20th cent.: from *auto* 'self' + Greek *telos* 'end' + **-ic**.

au-tot-o-my /dɒ'tə'təmə/ ► **n.** Zoology the casting off of a part of the body (e.g., the tail of a lizard) by an animal under threat.

au-to-tox-in /dɒ'tə'tæksɪn/ ► **n.** a substance produced by an organism that is toxic to the organism itself.

- **DERIVATIVES** **au-to-tox-ic** /dɒ'tə'tæksɪk/ **adj.**

au-to-trans-form-er /dɒ'tə'trans'fɔrmər/ ► **n.** an electrical transformer that has a single coil winding, part of which is common to both primary and secondary circuits.

au-to-trans-plan-ta-tion /dɒ'tə'transplan'tā'shən/ ► **n.** transplantation of tissue from one site to another in the same individual.

- **DERIVATIVES** **au-to-trans-plant** /-trans'plɑnt/ **n.**, **au-to-trans-plant-ed** /-trans'plɑntɪd/ **adj.**

au-to-troph /dɒ'tə'trəf, -trɒf/ ► **n.** Biology an organism that is able to form nutritional organic substances from simple inorganic substances such as carbon dioxide. Compare with **HETEROTROPH**.

- **DERIVATIVES** **au-to-troph-ic** **adj.**, **au-tot-ro-phy** **n.**

au-to-wind-er /dɒ'tə'wɪndər/ ► **n.** a device that automatically advances the film in a camera after a picture has been taken.

- **DERIVATIVES** **au-to-wind** **n. & v.**

au-to-work-er /dɒ'tə'wɜrkər/ ► **n.** a worker in the automobile industry.

au-tox-i-da-tion /dɒ'tæksɪ'dā'shən/ ► **n.** Chemistry spontaneous oxidation of a substance at ambient temperatures in the presence of oxygen.

- **DERIVATIVES** **au-tox-i-dize** /dɒ'tæksɪ'daɪz/ **v.**

Au-try /dɒ'trē/, Gene (1907-98), US singer and actor; full name *Orvon Gene Autry*; known as *the Singing Cowboy*. His credits include the first cowboy song recording (1929) and many musical western movies.

au-tumn /dɒ'təm/ ► **n.** the third season of the year, when crops and fruits are gathered and leaves fall, in the northern hemisphere from September to November and in the southern hemisphere from March to May: *the countryside is ablaze with color in autumn* | [as modifier] *autumn leaves* | figurative *he was in the autumn of his life*. ■ Astronomy the period from the autumnal equinox to the winter solstice.

- **ORIGIN** late Middle English: from Old French *autompne*, or later directly from Latin *autumnus*.

au-tum-nal /dɒ'təmənəl/ ► **adj.** of, characteristic of, or occurring in autumn: *chilly autumnal weather*.

- **ORIGIN** late 16th cent.: from Latin *autumnalis*, from *autumnus* 'autumn'.

au-tum-nal e-quil-nox ► **n.** the equinox in autumn, on about September 22 in the northern hemisphere and March 20 in the southern hemisphere.

au-tumn cro-cus ► **n.** a crocuslike Eurasian plant of the lily family, cultivated for its autumn-blooming flowers. ■ Genus *Colchicum*, family Liliaceae: several species, in particular meadow saffron.

au-tun-ite /dɒ'tənɪt, 'dɒtɪt/ ► **n.** a yellow or pale green mineral occurring as square crystals that fluoresce in ultraviolet light. It is a hydrated phosphate of calcium and uranium.

- **ORIGIN** mid 19th cent.: from *Autun*, the name of a town in eastern France, + **-ite**.

Au-vergne /dɒ'vern(yə), dɒ'vərn/ a region in south central France that was a province of the Roman Empire. The region is mountainous and contains extinct volcanic cones known as the Puy.

- **ORIGIN** from Latin *Arverni*, the name of a Celtic tribe that lived there in Roman times.

aux-il-la-ry /dɒg'zɪljərē, -zɪl(ə)rē/ ► **adj.** providing supplementary or additional help and support: *an auxiliary nurse* | *auxiliary airport staff*. ■ (of equipment) held in reserve: *the ship has an auxiliary power source*. ■ (of troops) engaged in the service of a nation at war but not part of the regular army, and often of foreign origin. ■ (of a sailing vessel) equipped with a supplementary engine.

► **n.** (pl. **auxiliaries**) a person or thing providing supplementary or additional help and support: *a nursing auxiliary* | *there are two main fuel tanks and two auxiliaries*. ■ a group of volunteers giving supplementary support to an organization or institution: *members of the Volunteer Fire Department's women's auxiliary*. ■ (**auxiliaries**) troops engaged in the service of a nation at war but not part of the regular army, and often of foreign origin. ■ Grammar an auxiliary verb. ■ a naval vessel with a supporting role, not armed for combat.
 - **ORIGIN** late Middle English: from Latin *auxiliarius*, from *auxilium* 'help'.

aux-il-li-a-ry verb ► **n.** Grammar a verb used in forming the tenses, moods, and voices of other verbs. See also **MODAL VERB**.

The primary auxiliary verbs in English are *be*, *do*, and *have*; the modal auxiliaries are *can*, *could*, *may*, *might*, *must*, *shall*, *should*, *will*, and *would*.

aux-in /dɒksɪn/ ► **n.** a plant hormone that causes the elongation of cells in shoots and is involved in regulating plant growth.

- **ORIGIN** 1930s: coined in German from Greek *auxein* 'to increase' + **-in**.

aux-o-troph /dɒksə'trəf, -trɒf/ ► **n.** Biology a mutant organism (typically a bacterium or fungus) that requires a particular additional nutrient that the normal strain does not.

- **DERIVATIVES** **aux-o-troph-ic** /dɒksə'trəfik, -trɒ-/ **adj.**

- **ORIGIN** 1950s: from Latin *auxilium* 'help' + Greek *trophos* 'feeder'.

AV ► **abbr.** ■ audiovisual (teaching aids).

■ Authorized Version.

Av ► **n.** variant spelling of **Ab**.

av-a-da-vat /əvədə'væt/ (also **amadavat** /'am-/) ► **n.** a small southern Asian waxbill that is often kept as a caged bird. The male has red or green plumage and a red bill. ■ Genus *Amandava*, family Estrildidae: the red **avadavat** (*A. amandava*) and the green **avadavat** (*A. formosa*).

- **ORIGIN** late 17th cent.: named after the city of **AHMADABAD** in India, where the birds were sold.

a-vail /ə'væl/ ► **v. 1** (**avail oneself of**) use or take advantage of (an opportunity or available resource): *my daughter did not avail herself of my advice*.