



# Down to a Science - Chemistry

7-letter bingos about **SCIENCE - CHEMISTRY** go down on your board  
compiled by Jacob Cohen, Asheville Scrabble Club

## A 7s - Chemistry

ACAPNIA	AAACINP	lack of carbon dioxide in blood and tissues [n -S]
ACETALS	AACELST	ACETAL, flammable liquid [n]
ACETATE	AACEETT	salt of acetic acid [n -S]
ACETINS	ACEINST	ACETIN, chemical compound [n]
ACETONE	ACEENOT	flammable liquid [n -S]
ACETYLS	ACELSTY	ACETYL, univalent radical [n]
ACHIRAL	AACHILR	pertaining to symmetrical molecule [adj]
ACIDIFY	ACDFIYY	to convert into acid [v -FIED, -FYING, -FIES]
ACIDITY	ACDIITY	sourness (quality or state of being sour) [n -TIES]
ACRYLIC	ACCILRY	type of resin [n -S]
ACTINIC	ACCIINT	pertaining to actinism (property of radiant energy that effects chemical changes) [adj]
ACTINON	ACINNOT	isotope of radon [n -S]
ACYLATE	AACELTY	to introduce acyl (univalent radical) into [v -D, -TING, -S]
ACYLOIN	ACILNOY	type of chemical compound [n -S]
ADENINE	ADEEINN	alkaloid (type of chemical compound) [n -S]
ADENYLS	ADELNSY	ADENYL, univalent radical [n]
AEROGEL	AEEGLOR	highly porous solid [n -S]
AEROSOL	AELOORS	gaseous suspension of fine solid or liquid particles [n -S]
AERUGOS	AEGORSU	AERUGO, green film that forms on copper [n]
AGAROSE	AAEGORS	sugar obtained from agar [n -S]
AGENIZE	AEEGINZ	to treat with agene [v -D, -ZING, -S]
AGLYCON	ACGLNOY	type of chemical compound [n -S]
ALANINE	AAEILNN	amino acid [n -S]
ALANINS	AAILNNS	ALANIN, alanine (amino acid) [n]
ALANYLS	AALLNSY	ALANYL, univalent radical [n]
ALBATAS	AAABLST	ALBATA, alloy of copper, nickel, and zinc [n]
ALBUMIN	ABILMNU	simple protein [n -S]
ALCHEMY	ACEHLMY	medieval form of chemistry [n -MIES]
ALCHYMY	ACHLMYY	alchemy (medieval form of chemistry) [n -MIES]
ALCOHOL	ACHLLOO	flammable liquid [n -S]
ALDOSES	ADELOSS	ALDOSE, type of sugar [n]
ALDRINS	ADILNRS	ALDRIN, insecticide [n]
ALEMBIC	ABCEILM	apparatus formerly used in distilling [n -S]
ALEURON	AELNORU	aleurone (protein matter found in seeds of certain plants) [n -S]
ALKALIC	AACIKLL	ALKALI, type of chemical compound [adj]
ALKALIN	AAIKLLN	alkaline (containing alkali) [adj]
ALKALIS	AAIKLLS	ALKALI, type of chemical compound [n]
ALKANES	AAEKLNS	ALKANE, type of chemical compound [n]
ALKENES	AEEKLNS	ALKENE, type of chemical compound [n]
ALKINES	AEIKLNS	ALKINE, alkyne (type of chemical compound) [n]
ALKYLIC	ACIKLLY	ALKYL, univalent radical [adj]
ALKYNES	AEKLNSY	ALKYNE, type of chemical compound [n]
ALLICIN	ACIILLN	liquid compound [n -S]
ALLOXAN	AALLNOX	chemical compound [n -S]
ALLOYED	ADELLOY	ALLOY, to combine to form alloy (homogenous mixture of metals) [v]
ALLYLIC	ACILLLY	ALLYL, univalent radical [adj]



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ALNICOS	ACILNOS	ALNICO, alloy containing aluminum, nickel, and cobalt [n]
ALPHYLS	AHLLPSY	ALPHYL, univalent radical [n]
ALUMINA	AAILMNU	oxide of aluminum [n -S]
ALUMINE	AEILMNU	alumina (oxide of aluminum) [n -S]
ALUMINS	AILMNSU	ALUMIN, alumina (oxide of aluminum) [n]
AMALGAM	AAAGLMM	alloy of mercury with another metal [n -S]
AMIDASE	AADEIMS	enzyme (complex protein) [n -S]
AMIDINE	ADEIIMN	type of chemical compound [n -S]
AMIDINS	ADIIMNS	AMIDIN, soluble matter of starch [n]
AMIDOLS	ADILMOS	AMIDOL, chemical compound [n]
AMIDONE	ADEIMNO	chemical compound [n -S]
AMINITY	AIIMNTY	state of being amine (type of chemical compound) [n -TIES]
AMMINES	AEIMMNS	AMMINE, type of chemical compound [n]
AMMONAL	AALMMNO	powerful explosive [n -S]
AMMONIA	AAIMMNO	pungent gas [n -S]
AMMONIC	ACIMMNO	pertaining to ammonia (pungent gas) [adj]
AMYLASE	AAELMSY	enzyme (complex protein) [n -S]
AMYLENE	AEELMNY	flammable liquid [n -S]
AMYLUMS	ALMMSUY	AMYLUM, starch (solid carbohydrate) [n]
ANALYTE	AAELNTY	substance being analyzed [n -S]
ANETHOL	AEHLNOT	anethole (chemical compound) [n -S]
ANILINE	AEIILNN	chemical compound [n -S]
ANILINS	AIIILNS	ANILIN, aniline (chemical compound) [n]
ANIONIC	ACIINNO	ANION, negatively charged ion [adj]
ANISOLE	AEILNOS	chemical compound [n -S]
ANODISE	ADEINOS	to anodize (to coat with protective film by chemical means) [v -D, -SING, -S]
ANODIZE	ADEINOZ	to coat with protective film by chemical means [v -D, -ZING, -S]
ANOLYTE	AELNOTY	part of electricity-conducted solution nearest anode [n -S]
ANTACID	AACDINT	substance that neutralizes acid [n -S]
APROTIC	ACIOPRT	being type of solvent [adj]
APYRASE	AAEPRS Y	enzyme (complex protein) [n -S]
ARAMIDS	AADIMRS	ARAMID, type of chemical compound [n]
ARGENTS	AEGNRST	ARGENT, silver [n]
ARSENIC	ACEINRS	metallic element [n -S]
ARSINES	AEINRSS	ARSINE, poisonous gas [n]
ATACTIC	AACCITT	showing no regularity of structure [adj]
ATOMICS	ACIMOST	science dealing with atoms [n]
ATOMISE	AEIMOST	to atomize (to reduce to fine spray) [v -D, -SING, -S]
ATOMIZE	AEIMOTZ	to reduce to fine spray [v -D, -ZING, -S]
ATROPIN	AINOPRT	atropine (poisonous alkaloid) [n -S]
AUREATE	AAEERTU	golden (of color of gold) [adj]
AVIDINS	ADIINSV	AVIDIN, protein found in egg white [n]
AZOTISE	AEIOSTZ	to azotize (to treat with nitrogen) [v -D, -SING, -S]
AZOTIZE	AEIOTZZ	to treat with nitrogen [v -D, -ZING, -S]

## B 7s - Chemistry

BABBITT	ABBBITT	to line with babbitt (alloy of tin, copper, and antimony) [v -ED, -ING, -S]
BALSAMS	AABL MSS	BALSAM, to anoint with balsam (aromatic, resinous substance) [v]



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BARILLA	AABILLR	chemical compound [n -S]
BARIUMS	ABIMRSU	BARIUM, metallic element [n]
BARYTAS	AABRSTY	BARYTA, compound of barium [n]
BARYTIC	ABCIRTY	BARYTA, compound of barium [adj]
BEDRUGS	BDEGRSU	BEDRUG, to make sleepy [v]
BENNIES	BEEINNS	BENNY, amphetamine tablet [n]
BENOMYL	BELMNOY	chemical compound [n -S]
BENZENE	BEEENNZ	volatile liquid [n -S]
BENZINE	BEEINNZ	volatile liquid [n -S]
BENZINS	BEINNSZ	BENZIN, benzine (volatile liquid) [n]
BENZOIC	BCEINOZ	BEZOIN, gum resin [adj]
BENZOIN	BEINNOZ	gum resin [n -S]
BENZOLE	BEELNOZ	benzol (benzene (volatile liquid)) [n -S]
BENZOLS	BELNOSZ	BENZOL, benzene (volatile liquid) [n]
BENZOYL	BELNOYZ	univalent chemical radical [n -S]
BENZYLS	BELNSYZ	BENZYL, univalent chemical radical [n]
BETAINE	ABEEINT	alkaloid (type of chemical compound) [n -S]
BIBASIC	ABBCIIS	dibasic (having two replaceable hydrogen atoms) [adj]
BICARBS	ABBCIRS	BICARB, sodium bicarbonate [n]
BILAYER	ABEILRY	film with two molecular layers [n -S]
BILLONS	BILLNOS	BILLON, alloy of silver and copper [n]
BIMETAL	ABEILMT	something composed of two metals [n -S]
BIOCIDE	BCDEIIO	substance destructive to living organisms [n -S]
BIOFUEL	BEFILOU	fuel composed of biological raw materials [n -S]
BIOGENS	BEGINOS	BIOGEN, hypothetical protein molecule [n]
BIOTINS	BIINOST	BIOTIN, B vitamin [n]
BISMUTH	BHIMSTU	metallic element [n -S]
BIVINYL	BIILNVY	flammable gas used in making synthetic rubber [n -S]
BOFFINS	BFFINOS	BOFFIN, scientific expert [n]
BOFFINY	BFFINOY	BOFFIN, scientific expert [adj]
BOHRIUM	BHIMORU	radioactive element [n -S]
BOILING	BGIILNO	BOIL, to vaporize liquid [v]
BOILOFF	BFFILOO	vaporization of liquid [n -S]
BOLUSES	BELOSSU	BOLUS, large pill [n]
BORACES	ABCEORS	BORAX, white crystalline compound [n]
BORACIC	ABCCIOR	boric (pertaining to boron (nonmetallic element)) [adj]
BORANES	ABENORS	BORANE, chemical compound [n]
BORATED	ABDEORT	BORATE, to mix with borax or boric acid [v]
BORATES	ABEORST	BORATE, to mix with borax or boric acid [v]
BORAXES	ABEORSX	BORAX, white crystalline compound [n]
BORAZON	ABNOORZ	hard form of boron nitride [n -S]
BORIDES	BDEIORS	BORIDE, boron compound [n]
BORNEOL	BELNOOR	alcohol (flammable liquid) [n -S]
BORONIC	BCINOOOR	BORON, nonmetallic element [adj]
BRASILIN	ABIILNRS	brazilin (chemical compound) [n -S]
BRASSED	ABDERSS	BRASS, to coat with brass (alloy of copper and zinc) [v]
BRASSES	ABERSSS	BRASS, to coat with brass (alloy of copper and zinc) [v]



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BROMALS	ABLMORS	BROMAL, medicinal liquid [n]
BROMATE	ABEMORT	to combine with bromine [v -D, -TING, -S]
BROMIDE	BDEIMOR	bromine compound [n -S]
BROMIDS	BDIMORS	BROMID, bromide (bromine compound) [n]
BROMINE	BEIMNOR	volatile liquid element [n -S]
BROMINS	BIMNORS	BROMIN, bromine (volatile liquid element) [n]
BROMIZE	BEIMORZ	to treat with bromine or bromide [v -D, -ZING, -S]
BRUCINE	BCEINRU	poisonous alkaloid [n -S]
BRUCINS	BCINRSU	BRUCIN, brucine (poisonous alkaloid) [n]
BRUCITE	BCEIRTU	form of magnesium hydroxide [n -S]
BUTANES	ABENSTU	BUTANE, flammable gas [n]
BUTANOL	ABLNOTU	flammable alcohol [n -S]
BUTENES	BEENSTU	BUTENE, butylene (gaseous hydrocarbon) [n]
BUTYRAL	ABLRTUY	chemical compound [n -S]
BUTYRIN	BINRTUY	chemical compound [n -S]
BUTYRYL	BLRTUYY	radical of butyric acid [n -S]

## C 7s - Chemistry

CACHOUS	ACCHOSU	CACHOU, catechu (resin used in tanning) [n]
CACODYL	ACCDLOY	poisonous liquid [n -S]
CADMIUM	ACDIMMU	metallic element [n -S]
CAESIUM	ACEIMSU	cesium (metallic element) [n -S]
CAFFEIN	ACEFFIN	caffeine (bitter alkaloid used as stimulant) [n -S]
CALCIUM	ACCILMU	metallic element [n -S]
CALOMEL	ACELLMO	chemical compound used as purgative [n -S]
CAMPHOL	ACHLMOP	borneol (alcohol (flammable liquid)) [n -S]
CAMPHOR	ACHMOPR	volatile compound [n -S]
CAPTANS	AACNPST	CAPTAN, fungicide [n]
CARBIDE	ABCDEIR	carbon compound [n -S]
CARBONS	ABCNORS	CARBON, nonmetallic element [n]
CASEASE	AACEESS	enzyme (complex protein) [n -S]
CASEINS	ACEINSS	CASEIN, milk protein [n]
CASEOSE	ACEEOSS	proteose (water-soluble protein) [n -S]
CASHOOS	ACHOOSS	CASHOO, catechu (resin used in tanning) [n]
CATECHU	ACCEHTU	resin used in tanning [n -S]
CATHODE	ACDEHOT	negatively charged electrode [n -S]
CATIONS	ACINOST	CATION, positively charged ion [n]
CAUSTIC	ACCISTU	corrosive substance [n -S]
CERAMAL	AACELMR	heat-resistant alloy [n -S]
CERATIN	ACEINRT	keratin (fibrous protein) [n -S]
CERIUMS	CEIMRSU	CERIUM, metallic element [n]
CERMETS	CEEMRST	CERMET, ceramal (heat-resistant alloy) [n]
CERUSES	CEERSSU	CERUSE, lead compound [n]
CESIUMS	CEIMSSU	CESIUM, metallic element [n]
CHELATE	ACEEHLT	to combine metal ion with compound [v -D, -TING, -S]
CHEMICS	CCEHIMS	CHEMIC, chemist (one versed in chemistry) [n]
CHEMISM	CEHIMMS	chemical attraction [n -S]
CHEMIST	CEHIMST	one versed in chemistry [n -S]



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CHINONE	CEHINNO	quinone (chemical compound) [n -S]
CHLORAL	ACHLLOR	chemical compound [n -S]
CHLORIC	CCHILOR	pertaining to chlorine (gaseous element) [adj]
CHLORID	CDHILOR	chloride (chlorine compound) [n -S]
CHLORIN	CHILNOR	chlorine (gaseous element) [n -S]
CHOLATE	ACEHLOT	chemical salt [n -S]
CHROMED	CDEHMOR	CHROME, to plate with chromium [v]
CHROMES	CEHMORS	CHROME, to plate with chromium [v]
CHROMIC	CCHIMOR	pertaining to chromium (metallic element) [adj]
CHROMYL	CHLMORY	bivalent radical [n -S]
CHYMICS	CCHIMSY	CHYMIC, chemic (chemist (one versed in chemistry)) [n]
CHYMICT	CHIMSTY	chemist (one versed in chemistry) [n -S]
CINEOLE	CEEILNO	cineol (liquid used as antiseptic) [n -S]
CINEOLS	CEILNOS	CINEOL, liquid used as antiseptic [n]
CINERIN	CEIINNR	compound used in insecticides [n -S]
CITRATE	ACEIRTT	salt of citric acid [n -S]
CITRINS	CIINRST	CITRIN, citric vitamin [n]
COALIFY	ACFILOY	to convert into coal [v -FIED, -ING, -FIES]
COBALTS	ABCLOST	COBALT, metallic element [n]
COCAINE	ACCEINO	narcotic alkaloid [n -S]
COCAINS	ACCINOS	COCAIN, cocaine (narcotic alkaloid) [n]
CODEIAS	ACDEIOS	CODEIA, codeine (narcotic alkaloid) [n]
CODEINA	ACDEINO	codeine (narcotic alkaloid) [n -S]
CODEINE	CDEEINO	narcotic alkaloid [n -S]
CODEINS	CDEINOS	CODEIN, codeine (narcotic alkaloid) [n]
COESITE	CEEIOST	type of silica (type of silicon (nonmetallic element) [n -S]
COKINGS	CGIKNOS	COKING, process of converting coal into coke (carbon fuel) [n]
COLICIN	CCIILNO	antibacterial substance [n -S]
COLLOID	CDILLOO	type of chemical suspension [n -S]
COMBUST	BCMOSTU	to burn [v -ED, -ING, -S]
CONIINE	CEIINNO	poisonous alkaloid [n -S]
CONINES	CEINNOS	CONINE, coniine (poisonous alkaloid) [n]
COPAIBA	AABCIOF	resin (viscous substance obtained from certain plants) [n -S]
COPPERS	CEOPPRS	COPPER, to cover with copper (metallic element) [v]
COPPERY	CEOPPRY	resembling copper [adj -RIER, -RIEST]
CREATIN	ACEINRT	creatine (chemical compound) [n -S]
CREMATE	ACEEMRT	to reduce to ashes by burning [v]
CREOSOL	CELOORS	chemical compound [n -S]
CRESOLS	CELORSS	CRESOL, chemical disinfectant [n]
CRESYLS	CELRSSY	CRESYL, tolyl (univalent chemical radical) [n]
CRYOGEN	CEGNORY	substance for producing low temperatures [n -S]
CUMARIN	ACIMNRU	coumarin (chemical compound) [n -S]
CUPELED	CDEELPU	CUPEL, to refine gold or silver in cuplike vessel [v]
CUPELER	CEELPRU	cupeller (one that cupels (to refine gold or silver in cuplike vessel)) [n -S]
CUPROUS	COPRSUU	containing copper [adj]
CUPRUMS	CMPRSUU	CUPRUM, copper [n]
CURARAS	AACRRSU	CURARA, curare (arrow poison) [n]



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CURARES	ACERRSU	CURARE, arrow poison [n]
CURARIS	ACIRRSU	CURARI, curare (arrow poison) [n]
CURIUMS	CIMRSUU	CURIUM, radioactive element [n]
CUTCHES	CCEHSTU	CUTCH, catechu (resin used in tanning) [n]
CYANATE	AACENTY	chemical salt [n -S]
CYANIDE	ACDEINY	to treat ore with cyanid [v -D, -DING, -S]
CYANIDS	ACDINSY	CYANID, compound of cyanogen [n]
CYCASIN	ACCINSY	sugar derivative [n -S]
CYCLASE	ACCELSY	enzyme (complex protein) [n -S]
CYCLINS	CCILNSY	CYCLIN, any of group of proteins that control cell cycle [n]
CYCLIZE	CCEILYZ	to form one or more rings in chemical compound [v -D, -ZING, -S]
CYMENES	CEEMNSY	CYMENE, hydrocarbon [n]
CYSTEIN	CEINSTY	cysteine (amino acid) [n -S]
CYSTINE	CEINSTY	amino acid [n -S]

## D 7s - Chemistry

DALAPON	AADLNOP	herbicide used on unwanted grasses [n -S]
DAMMARS	AADMMRS	DAMMAR, hard resin [n]
DAMMERS	ADEMMRS	DAMMER, dammar (hard resin) [n]
DANAZOL	AADLNOZ	synthetic androgen [n -S]
DAPSONE	ADENOPS	medicinal substance [n -S]
DECANES	ACDEENS	DECANE, hydrocarbon [n]
DELIMED	DDEEILM	DELIME, to free from lime [v]
DELIMES	DEEILMS	DELIME, to free from lime [v]
DEMETON	DEEMNOT	insecticide [n -S]
DEPSIDE	DDEEIPS	aromatic compound [n -S]
DESALTS	ADELSST	DESALT, to remove salt from [v]
DESUGAR	ADEGRSU	to remove sugar from [v -ED, -ING, -S]
DETOXED	DDEEOTX	DETOX, to detoxify (to remove toxin from [v])
DEXTRIN	DEINRTX	substance used as adhesive [n -S]
DEZINCS	CDEINSZ	DEZINC, to remove zinc from [v]
DIACIDS	ACDDIIS	DIACID, type of acid (type of chemical compound) [n]
DIALYSE	ADEILSY	to dialyze (to subject to dialysis (separation of substances in solution by diffusion through membrane)) [v -D, -SING, -S]
DIALYZE	ADEILYZ	to subject to dialysis (separation of substances in solution by diffusion through membrane) [v -D, -ZING, -S]
DIAMIDE	ADDEIIM	chemical compound [n -S]
DIAMINE	ADEIIMN	chemical compound [n -S]
DIAMINS	ADIIMNS	DIAMIN, diamine (chemical compound) [n]
DIAMOND	ADDIMNO	to adorn with diamonds (solid form of element carbon) [v -ED, -ING, -S]
DIAZINE	ADEIINZ	chemical compound [n -S]
DIAZINS	ADIINSZ	DIAZIN, diazine (chemical compound) [n]
DIAZOLE	ADEILOZ	chemical compound [n -S]
DIBASIC	ABCDIIS	having two replaceable hydrogen atoms [adj]
DICAMBA	AABCDIM	herbicide [n -S]
DIESTER	DEEIRST	type of chemical compound [n -S]
DIETHER	DEEHIRT	chemical compound [n -S]
DIGOXIN	DGIINOX	drug to improve heart function [n -S]
DILUENT	DEILNTU	diluting substance [n -S]
DILUTED	DDEILTU	DILUTE, to thin or reduce concentration of [v]





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DILUTER	DEILRTU	one that dilutes (to thin or reduce concentration of) [n -S]
DILUTES	DEILSTU	DILUTE, to thin or reduce concentration of [v]
DILUTOR	DILORTU	diluter (one that dilutes (to thin or reduce concentration of)) [n -S]
DINITRO	DIINORT	containing two nitro groups [adj]
DIOXANE	ADEINOX	flammable liquid [n -S]
DIOXANS	ADINOSX	DIOXAN, dioxane (flammable liquid) [n]
DIOXANS	ADINOSX	DIOXAN, dioxane (flammable liquid) [n]
DIOXIDE	DDEIIOX	type of oxide (binary compound of oxygen with another element or radical) [n -S]
DIOXIDS	DDIIOSX	DIOXID, dioxide (type of oxide (binary compound of oxygen with another element or radical)) [n]
DIOXINS	DIINOSX	DIOXIN, toxic solid hydrocarbon [n]
DIQUATS	ADIQSTU	DIQUAT, herbicide [n]
DISTILL	DIILLST	to extract by vaporization and condensation [v -ED, -ING, -S]
DISTILS	DIILSST	DISTIL, to distill (to extract by vaporization and condensation) [v]
DITHIOL	DHIILOT	containing two chemical groups both of which include sulfur and hydrogen [adj]
DIURONS	DINORSU	DIURON, herbicide [n]
DOPANTS	ADNOPST	DOPANT, impurity added to pure substance [n]
DOPINGS	DGINOPS	DOPING, use of drugs by athletes [n]
DOWNERS	DENORSW	DOWNER, depressant drug [n]
DRUGGED	DDEGGRU	DRUG, to affect with drug (medicinal substance) [v]
DRUGGIE	DEGGIRU	drug addict [n -S]
DUBNIUM	BDIMNUU	radioactive element [n -S]
DYNEINS	DEINNSY	DYNEIN, enzyme involved in cell movement [n]

## E 7s - Chemistry

ECBOLIC	BCCEILO	type of drug [n -S]
ECOCIDE	CCDEEIO	destruction of natural environment [n -S]
ELEMENT	EEELMNT	substance that cannot be separated into simpler substances by chemical means [n -S]
ELUANTS	AELNSTU	ELUANT, solvent (substance capable of dissolving others) [n]
ELUATED	ADEELTU	ELUATE, material obtained by eluting (to remove by means of solvent) [n]
ELUATES	AEELSTU	ELUATE, material obtained by eluting (to remove by means of solvent) [n]
ELUENTS	EELNSTU	ELUENT, eluant (solvent (substance capable of dissolving others)) [n]
ELUTING	EGILNTU	ELUTE, to remove by means of solvent [v]
ELUTION	EILNOTU	act of eluting (to remove by means of solvent) [n -S]
EMBALMS	ABELMMS	EMBALM, to treat so as to protect from decay [v]
EMETICS	CEEIMST	EMETIC, substance which induces vomiting [n]
EMETINE	EEEIMNT	alkaloid (type of chemical compound) [n -S]
EMETINS	EEIMNST	EMETIN, emetine (alkaloid (type of chemical compound)) [n]
EMODINS	DEIMNOS	EMODIN, chemical compound [n]
ENAMINE	AEEIMNN	type of amine (type of chemical compound) [n -S]
ENDRINS	DEINNRS	ENDRIN, insecticide [n]
ENOLASE	AEELNOS	enzyme (complex protein) [n -S]
ENZYMES	EEMNSYZ	ENZYME, complex protein [n]
ENZYMIC	CEIMNYZ	ENZYME, complex protein [adj]
EPIMERS	EEIMPRS	EPIMER, type of sugar compound [n]
EPITAXY	AEIPTXY	type of crystalline growth [n -XIES]
EPOXIDE	DEEIOPX	epoxy compound [n -S]
EPOXIED	DEEIOPX	EPOXY, to glue with epoxy (type of resin) [v]
EPOXIES	E EIOPXS	EPOXY, to glue with epoxy (type of resin) [v]



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EPOXYED	DEEOPXY	EPOXY, to glue with epoxy (type of resin) [v]
ERBIUMS	BEIMRSU	ERBIUM, metallic element [n]
EREPSIN	EEINPRS	mixture of enzymes in small intestine [n -S]
ERRHINE	EEHINRR	substance that promotes nasal discharge [n -S]
ESERINE	EEEINRS	toxic alkaloid [n -S]
ETCHANT	ACEHNTT	substance used in etching [n -S]
ETCHING	CEGHINT	ETCH, to engrave with acid [v]
ETHANAL	AAEHLNT	volatile liquid compound [n -S]
ETHANES	AEHNST	ETHANE, gaseous hydrocarbon [n]
ETHANOL	AEHLNOT	alcohol (flammable liquid) [n -S]
ETHENES	EEHNST	ETHENE, ethylene (flammable gas) [n]
ETHERIC	CEEHIRT	ETHER, volatile liquid used as anesthetic [adj]
ETHICAL	ACEHILT	drug sold by prescription only [n -S]
ETHINYL	EHILNTY	ethynyl (univalent chemical radical) [n -S]
ETHIONS	EHINOST	ETHION, pesticide [n]
ETHOXYL	EHLOTXY	univalent chemical radical [n -S]
ETHYLIC	CEHILTY	pertaining to ethyl (univalent chemical radical) [adj]
ETHYNES	EEHNSTY	ETHYNE, flammable gas [n]
ETHYNYL	EHLNTYY	univalent chemical radical [n -S]
EUGENOL	EEGLNOU	aromatic liquid [n -S]
EXCIMER	CEEIMRX	dimer that exists in excited state [n -S]

## F 7s - Chemistry

FENURON	EFNNORU	herbicide [n -S]
FERBAMS	ABEFMRS	FERBAM, fungicide [n]
FERMENT	EEFMNRT	to undergo type of chemical reaction [v -ED, -ING, -S]
FERMIUM	EFIMMRU	radioactive element [n -S]
FERRATE	AEEFRRT	chemical salt [n -S]
FERRITE	EEFIRRT	magnetic substance [n -S]
FERROUS	EFORRSU	pertaining to iron [adj]
FERRUMS	EFMRRSU	FERRUM, iron [n]
FIBRINS	BFIINRS	FIBRIN, insoluble protein [n]
FIBROIN	BFIINOR	insoluble protein [n -S]
FLAVONE	AEFLNOV	chemical compound [n -S]
FLUORID	DFILORU	fluoride (compound of fluorine) [n -S]
FLUORIN	FILNORU	fluorine (gaseous element) [n -S]
FLUXING	FGILNUX	FLUX, to melt (to change from solid to liquid state by heat) [v]
FORMATE	AEFMORT	chemical salt [n -S]
FORMOLS	FLMOORS	FORMOL, formalin (aqueous solution of formaldehyde) [n]
FORMULA	AFLMORU	exact method for doing something [n -E, -S]
FORMYLS	FLMORSY	FORMYL, univalent chemical radical [n]
FOSSICK	CFIKOSS	to search for gold [v -ED, -ING, -S]
FRANKUM	AFKMNRU	hardened resin of spruce tree [n -S]
FUCOSES	CEFOSSU	FUCOSE, type of sugar [n]
FUMARIC	ACFIMRU	pertaining to certain acid [adj]
FURANES	AEFNRSU	FURANE, furan (flammable liquid) [n]

## G 7s - Chemistry

GALIPOT	AGILOPT	type of turpentine [n -S]
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# Down to a Science - Chemistry

7-letter bingos about **SCIENCE - CHEMISTRY** go down on your board  
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GALLATE	AAEGLLT	chemical salt [n -S]
GALLIUM	AGILLMU	metallic element [n -S]
GALLOUS	AGLLOSU	containing gallium [adj]
GAMBOGE	ABEGGMO	gum resin [n -S]
GASEITY	AEGISTY	state of being gas [n -TIES]
GASEOUS	AEGOSSU	pertaining to gas [adj]
GASOHOL	AGHLOOS	fuel mixture of gasoline and ethyl alcohol [n -S]
GASSIER	AEGIRSS	GASSY, containing gas [adj]
GASSILY	AGILSSY	GASSY, containing gas [adv]
GASSING	AGGINSS	poisoning by noxious gas [n -S] / GAS, to supply with gas (substance capable of indefinite expansion) [v]
GASTRIN	AGINRST	hormone (secretion of endocrine organs) [n]
GELCAPS	ACEGLPS	GELCAP, tablet coated with gelatin [n -S]
GELCOAT	ACEGLOT	surface layer of polyester resin [n -S]
GEMINAL	AEGILMN	of or pertaining to two substituents on same atom [adj]
GENERIC	CEEGINR	type of drug [n -S]
GETTERS	EEGRSTT	GETTER, to purify with chemically active substance [v]
GILDERS	DEGILRS	GILDER, one that gilds (to cover with thin layer of gold) [n]
GILDING	DGGIILN	GILD, to cover with thin layer of gold [v]
GLIADIN	ADGIILN	simple protein [n -S]
GLOBINS	BGILNOS	GLOBIN, simple protein [n]
GLONOIN	GILNNOO	nitroglycerin [n -S]
GLUCANS	ACGLNSU	GLUCAN, polymer of glucose [n]
GLUCOSE	CEGLOSU	sugar [n -S]
GLYCANS	ACGLNSY	GLYCAN, carbohydrate [n]
GLYCINE	CEGILNY	amino acid [n -S]
GLYCINS	CGILNSY	GLYCIN, compound used in photography [n]
GLYCOLS	CGLLOSU	GLYCOL, alcohol (flammable liquid) [n]
GLYCYLS	CGLLSYY	GLYCYL, radical derived from glycine [n]
GREENIE	EEEGINR	amphetamine pill [n -S]
GUAIACS	AACGISU	GUAIAC, guaiacum (medicinal resin) [n]
GUANASE	AAEGNSU	enzyme (complex protein) [n -S]
GUANINE	AEGINNU	chemical compound [n -S]
GUANINS	AGINNSU	GUANIN, guanine (chemical compound) [n]
GYRASES	AEGRSSY	GYRASE, enzyme (complex protein) [n]

## H 7s - Chemistry

HAFNIUM	AFHIMNU	metallic element [n -S]
HAHNIIUM	AHHIMNU	radioactive element [n -S]
HALIDES	ADEHILS	HALIDE, chemical compound [n]
HALITES	AEHILST	HALITE, mineral [n]
HALOGEN	AEGHLNO	nonmetallic element [n -S]
HALOIDS	ADHILOS	HALOID, chemical salt [n]
HAPTENE	AEEHNPT	hapten (substance similar to antigen) [n -S]
HARMINE	AEHIMNR	alkaloid used as stimulant [n -S]
HARMINS	AHIMNRS	HARMIN, harmine (alkaloid used as stimulant) [n]
HASHISH	AHHHISS	mild narcotic [n -ES]
HASSIUM	AHIMSSU	radioactive element [n -S]
HELIUMS	EHILMSU	HELIUM, gaseous element [n]



# Down to a Science - Chemistry

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HEPARIN	AEHINPR	biochemical [n -S]
HEPATIC	ACEHIPT	drug acting on liver [n -S]
HEPTANE	AEHNPT	hydrocarbon used as solvent [n -S]
HEPTOSE	EEHOPST	chemical compound [n -S]
HEROINS	EHINORS	HEROIN, addictive narcotic [n]
HEXANES	AEEHNSX	HEXANE, volatile liquid [n]
HEXONES	EEHNOSX	HEXONE, hydrocarbon solvent [n]
HEXOSAN	AEHNOSX	carbohydrate [n -S]
HEXOSES	EEHOSSX	HEXOSE, simple sugar [n]
HEXYLIC	CEHILXY	HEXYL, hydrocarbon radical [adj]
HIRUDIN	DHIINRU	anticoagulant [n -S]
HISTONE	EHINOST	simple protein [n -S]
HOLMIUM	HILMMOU	metallic element [n -S]
HOPHEAD	ADEHHOP	drug addict [n -S]
HORDEIN	DEHINOR	simple protein [n -S]
HUMATES	AEHMSTU	HUMATE, chemical salt [n]
HYDRASE	ADEHRSY	enzyme (complex protein) [n -S]
HYDRATE	ADEHRTY	to combine with water [v -D, -TING, -S]
HYDRIDE	DDEHIRY	chemical compound [n -S]
HYDRIDS	DDHIRSY	HYDRID, hydride (chemical compound) [n]
hylozoic	DHORXYX	containing hydroxyl (radical or group containing oxygen and hydrogen) [adj]

## I 7s - Chemistry

INDAMIN	ADIIMNN	indamine (chemical compound) [n -S]
INDENES	DEEINNS	INDENE, hydrocarbon [n]
INDICAN	ACDIINN	chemical compound [n -S]
INDOLES	DEILNOS	INDOLE, chemical compound [n]
INDOXYL	DILNOXY	chemical compound [n -S]
INERTLY	EILNRTY	inactively [adv]
INOSINE	EIINNOS	compound of hypoxanthine and ribose [n -S]
INOSITE	EIINOST	inositol (alcohol found in plant and animal tissue) [n -S]
INULASE	AEILNSU	enzyme (complex protein) [n -S]
INULINS	IILNSU	INULIN, chemical compound [n]
IODATED	ADDEIOT	IODATE, to iodize (to treat with iodine) [v]
IODATES	ADEIOST	IODATE, to iodize (to treat with iodine) [v]
IODIDES	DDEIIOS	IODIDE, compound of iodine [n]
IODINES	DEIINOS	IODINE, nonmetallic element [n]
IODISED	DDEIIOS	IODISE, to iodize (to treat with iodine) [v]
IODISES	DEIIOSS	IODISE, to iodize (to treat with iodine) [v]
IODISMS	DIIMOSS	IODISM, iodine poisoning [n]
IODIZED	DDEIIOZ	IODIZE, to treat with iodine [v]
IODIZER	DEIIORZ	one that iodizes (to treat with iodine) [n -S]
IODIZES	DEIIOSZ	IODIZE, to treat with iodine [v]
IONIUMS	IIMNOSU	IONIUM, isotope of thorium [n]
IONOGEN	EGINNOO	compound capable of forming ions [n -S]
IONONES	EINNOOS	IONONE, chemical compound [n]
IRIDIUM	DIIIMRU	metallic element [n -S]
IRONISE	EIINORS	to ironize (to mix with nutritional iron) [v -D, -SING, -S]



# Down to a Science - Chemistry

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IRONIZE	EIINORZ	to mix with nutritional iron [v -D, -ZING, -S]
ISATINE	AEIINST	isatin (chemical compound) [n -S]
ISATINS	AIINSST	ISATIN, chemical compound [n]
ISOBARE	ABEIORS	isobar (type of atom (smallest unit of element)) [n -S]
ISOBARS	ABIORSS	ISOBAR, type of atom (smallest unit of element) [n]
ISOFORM	FIMOORS	one of two or more proteins having similar form [n -S]
ISOLOGS	GILOOSS	ISOLOG, isologue (type of chemical compound) [n]
ISOMERS	EIMORSS	ISOMER, type of chemical compound [n]
ISOTONE	EINOOST	type of atom (smallest unit of element) [n -S]
ISOTOPE	EIOOPST	form of element [n -S]
ISOTOPY	IOOPSTY	state of being isotope [n -PIES]
ISOZYME	EIMOSYZ	type of enzyme (complex protein) [n -S]

## J 7s - Chemistry

JALAPIN	AAIJLNP	medicinal substance contained in jalap [n -S]
JOYPOPS	JOOPPSY	JOYPOP, to use habit-forming drugs occasionally [v]
JUNKIES	EIJKNSU	JUNKIE, drug addict [n]

## K 7s - Chemistry

KAINITE	AEIIKNT	mineral salt [n -S]
KAINITS	AIIKNST	KAINIT, kainite (mineral salt) [n]
KALIUMS	AIKLMSU	KALIUM, potassium [n]
KERATIN	AEIKNRT	fibrous protein [n -S]
KETENES	EEEKNST	KETENE, toxic gas [n]
KETONES	EEKNOST	KETONE, type of chemical compound [n]
KETONIC	CEIKNOT	KETONE, type of chemical compound [adj]
KETOSES	EEKOSST	KETOSE, simple sugar [n]
KETOSIS	EIKOSST	buildup of ketones in body [n -SES]
KILORAD	ADIKLOR	unit of nuclear radiation [n -S]
KINASES	AEIKNSS	KINASE, enzyme (complex protein) [n]
KINETIN	EIIKNNT	substance that increases plant growth [n -S]
KRYPTON	KNOPRTY	gaseous element [n -S]

## L 7s - Chemistry

LACTAMS	AACLMST	LACTAM, chemical compound [n]
LACTASE	AACELST	enzyme (complex protein) [n -S]
LACTONE	ACELNOT	any of group of esters [n -S]
LACTOSE	ACELOST	lactic sugar [n -S]
LADANUM	AADLMNU	labdanum (fragrant resin) [n -S]
LAMININ	AIILMNN	glycoprotein [n -S]
LANOLIN	AILLNNO	fatty substance obtained from wool [n -S]
LATTENS	AELNSTT	LATTEN, brass-like alloy [n]
LATTINS	AILNSTT	LATTIN, latten (brass-like alloy) [n]
LEADING	ADEGILN	covering or border of lead [n -S] / LEAD, to cover with lead ([v]
LECTINS	CEILNST	LECTIN, protein that binds to sugar molecule [n]
LEGUMIN	EGILMNU	plant protein [n -S]
LEUCINE	CEEILNU	amino acid [n -S]
LEUCINS	CEILNSU	LEUCIN, leucine (amino acid) [n]
LEVULIN	EILLNUV	chemical compound [n -S]
LIGANDS	ADGILNS	LIGAND, type of ion or molecule [n]



# Down to a Science - Chemistry

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LIGASES	AEGILSS	LIGASE, enzyme (complex protein) [n]
LIGNANS	AGILNNS	LIGNAN, type of polymer (complex chemical compound) [n]
LIGROIN	GIILNOR	flammable liquid [n -S]
LIMBECK	BCEIKLM	alembic (apparatus formerly used in distilling) [n -S]
LINALOL	AILLNO	linalool (fragrant alcohol) [n -S]
LINDANE	ADEILNN	insecticide [n -S]
LINURON	ILNNORU	herbicide [n -S]
LIPASES	AEILPSS	LIPASE, enzyme (complex protein) [n]
LIPIDES	DEIILPS	LIPIDE, lipid (any of class of fatty substances) [n]
LIPIDIC	CDIILP	LIPID, any of class of fatty substances [adj]
LIPOIDS	DIILOPS	LIPOID, lipid (any of class of fatty substances) [n]
LIQUATE	AEILQUT	to purify metal by heating [v -D, -TING, -S]
LIQUEFY	EFILQUY	to make or become liquid [v -FIED, -FYING, -FIES]
LIQUIDS	DIILQSU	LIQUID, substance that flows freely [n]
LIQUIDY	DIILQUY	LIQUID, substance that flows freely [adj -DIER, -DIEST]
LIQUIFY	FIILQUY	to liquefy (to make or become liquid) [v -FIED, -FYING, -FIES]
LITHIAS	AHIILST	LITHIA, oxide of lithium [n]
LITHIFY	FHIILTY	to petrify (to convert into stone) [v -FIED, -ING, -FIES]
LITHIUM	HIILMTU	metallic element [n -S]
LYSINES	EILNSSY	LYSINE, amino acid [n]
LYSOGEN	EGLNOSY	type of antigen (substance that stimulates production of antibodies) [n -S]

## M 7s - Chemistry

MALATES	AAELMST	MALATE, chemical salt [n]
MALEATE	AAEELMT	chemical salt [n -S]
MALTASE	AAELMST	enzyme (complex protein) [n -S]
MALTOLS	ALLMOST	MALTOL, chemical compound [n]
MALTOSE	AELMOST	type of sugar [n -S]
MANNANS	AAMNNNS	MANNAN, type of sugar [n]
MANNITE	AEIMNNT	mannitol (alcohol (flammable liquid)) [n -S]
MANNOSE	AEMNNOS	type of sugar [n -S]
MASTICS	ACIMSST	MASTIC, aromatic resin [n]
MELTING	EGILMNT	MELT, to change from solid to liquid state by heat [v]
MENAZON	AEMNNOZ	insecticide [n -S]
MENTHOL	EHLMNOT	alcohol (flammable liquid) [n -S]
MERCURY	CEMRRUY	metallic element [n -RIES]
METALED	ADEELMT	METAL, to cover with metal (any of various ductile, fusible, and lustrous substances) [v]
METAMER	AEEMMRT	type of chemical compound [n -S]
METEPAS	AEEMPST	METEPA, chemical compound [n]
METHANE	AEEHMNT	flammable gas [n -S]
METHOXY	EHMOTXY	containing certain chemical group [adj]
METHYLS	EHLMSTY	METHYL, univalent radical [n]
METOPON	EMNOOPT	narcotic drug [n -S]
MICKEYS	CEIKMSY	MICKEY, drugged drink [n]
MICKIES	CEIIKMS	MICKY, mickey (drugged drink) [n]
MILNEBS	BEILMNS	MILNEB, fungicide [n]
MIOTICS	CIIMOST	MIOTIC, agent that causes miosis (excessive contraction of pupil of eye) [n]
MIREXES	EEIMRSX	MIREX, insecticide [n]



# Down to a Science - Chemistry

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MITOGEN	EGIMNOT	substance that induces mitosis [n -S]
MONACID	ACDIMNO	monoacid (type of acid (type of chemical compound)) [n -S]
MONOMER	EMMNOOR	type of chemical compound [n -S]
MONURON	MNNOORU	herbicide [n -S]
MORDANT	ADMNORT	to treat with caustic substance [v -ED, -ING, -S]
MORPHIA	AHIMOPR	morphine (narcotic alkaloid) [n -S]
MORPHIN	HIMNOPR	morphine (narcotic alkaloid) [n -S]
MUCOIDS	CDIMOSU	MUCOID, complex protein [n]
MUMMIED	DEIMMMU	MUMMY, to mummify (to preserve by embalming) [v]
MUMMIES	EIMMMSU	MUMMY, to mummify (to preserve by embalming) [v]
MUMMIFY	FIMMMUY	to preserve by embalming [v -FIED, -ING, -FIES]
MUREINS	EIMNRSU	MUREIN, type of polymer (complex chemical compound) [n]
MURIATE	AEIMRTU	chloride (chlorine compound) [n -S]
MUTAGEN	AEGMNTU	substance that causes biological mutation [n -S]
MUTASES	AEMSSTU	MUTASE, enzyme (complex protein) [n]
MYRRHIC	CHIMRRY	MYRRH, aromatic gum resin [adj]

## N 7s - Chemistry

NAPALMS	AALMNPS	NAPALM, to assault with type of incendiary bomb [v]
NAPHTHA	AAHNPNT	volatile liquid [n -S]
NAPHTOL	AHLNOPT	naphthol (chemical compound) [n -S]
NATRIUM	AIMNRTU	sodium (metallic element) [n -S]
NATRONS	ANNORST	NATRON, chemical compound [n]
NEMATIC	ACEIMNT	liquid crystal in particular phase [n -S]
NEURINE	EEINNRU	ptomaine poison [n -S]
NIACINS	ACIINNS	NIACIN, B vitamin [n]
NICKELS	CEIKLNS	NICKEL, to plate with nickel (metallic element) [v]
NICKLED	CDEIKLN	NICKLE, to nickel (to plate with nickel (metallic element)) [v]
NICKLES	CEIKLNS	NICKLE, to nickel (to plate with nickel (metallic element)) [v]
NICOTIN	CIINNOT	nicotine (poisonous alkaloid in tobacco) [n -S]
NIOBATE	ABEINOT	chemical salt [n -S]
NIOBIUM	BIIMNOU	metallic element [n -S]
NIOBOUS	BINOOSU	NIOBIUM, metallic element [adj]
NITINOL	IILNNOT	alloy of nickel and titanium [n -S]
NITRATE	AEINRTT	to treat with nitric acid [v -D, -TING, -S]
NITRIDE	DEIINRT	to convert into nitride (compound of nitrogen) [v -D, -DING, -S]
NITRIDS	DIINRST	NITRID, nitride [n]
NITRIFY	FIINRTY	to combine with nitrogen [v -FIED, -FYING, -FIES]
NITRILE	EIILNRT	chemical compound [n -S]
NITRILS	IILNRST	NITRIL, nitrile (chemical compound) [n]
NITRITE	EIINRTT	salt of nitrous acid [n -S]
NITROSO	INOORST	containing nitrosyl (univalent radical) [adj]
NITROUS	INORSTU	containing nitrogen [adj]
NONACID	ACDINNO	substance that is not acid [n -S]
NONANES	AENNNOS	NONANE, colorless liquid hydrocarbon [n]
NONDRUG	DGNNORU	not involving drugs [adj]
NONHEME	EEHMNNO	not containing iron that is bound like that of heme [adj]
NUCLEIN	CEILNNU	protein found in nuclei [n -S]



# Down to a Science - Chemistry

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## O 7s - Chemistry

OCTANES	ACENOST	OCTANE, liquid hydrocarbon [n]
OCTANOL	ACLNOOT	alcohol (flammable liquid) [n -S]
OLEATES	AEELOST	OLEATE, chemical salt [n]
OLEFINE	EEFILNO	olefin (alkene (type of chemical compound)) [n -S]
OLEFINS	EFILNOS	OLEFIN, alkene (type of chemical compound) [n]
OLEINES	EEILNOS	OLEINE, olein (liquid portion of fat) [n]
OLOGIES	EGILOOS	OLOGY, branch of knowledge [n]
OLOGIST	GILOOST	expert in particular ology [n -S]
OORALIS	AILOORS	OORALI, curare (arrow poison) [n]
OPIATED	ADEIOPT	OPIATE, to treat with opium [v]
OPIATES	AEIOPST	OPIATE, to treat with opium [v]
OPIOIDS	DIIOOPS	OPIOID, peptide that acts like opium [n]
ORCINOL	CILNOOR	chemical compound [n -S]
OREIDES	DEEIORS	OREIDE, oreides (alloy used to imitate gold) [n]
ORGANON	AGNNOOR	system of rules for scientific investigation [n -S or -NA]
ORGANUM	AGMNORU	organon (system of rules for scientific investigation) [n -S or -NA]
ORIGINS	GIINORS	ORIGIN, coming into being [n]
ORMOLUS	LMOORSU	ORMOLU, alloy used to imitate gold [n]
OROIDES	DEIOORS	OROIDE, alloy used to imitate gold [n]
OSMIOUS	IMOSSU	OSMIUM, metallic element [adj]
OSMIUMS	IMMOSSU	OSMIUM, metallic element [n]
OSSEINS	EINOSSS	OSSEIN, protein substance in bone [n]
OUABAIN	AABINOU	cardiac stimulant [n -S]
OURARIS	AIORRSU	OURARI, curare (arrow poison) [n]
OVICIDE	CDEIIOV	OVICIDE, agent that kills eggs [n]
OXALATE	AAELOTX	to treat with oxalate (chemical salt) [v -D, -TING, -S]
OXAZINE	AEINOXZ	chemical compound [n -S]
OXAZOLE	AELOOXZ	liquid chemical compound [n -S]
OXIDASE	ADEIOSX	oxidizing enzyme [n -S]
OXIDATE	ADEIOTX	to oxidize (to combine with oxygen) [v -D, -TING, -S]
OXIDISE	DEIIOSX	to oxidize (to combine with oxygen) [v -D, -SING, -S]
OXIDIZE	DEIIOXZ	to combine with oxygen [v -D, -ZING, -S]
OXYACID	ACDIOXY	acid that contains oxygen [n -S]
OXYGENS	EGNOSXY	OXYGEN, gaseous element [n]
OXYSALT	ALOSTXY	salt of oxyacid [n -S]
OZONATE	AENOOTZ	to treat or combine with ozone [v -D, -TING, -S]
OZONIDE	DEINOOZ	compound of ozone [n -S]
OZONISE	EINOOSZ	OZONIZE, to convert into ozone [v -D, -SING, -S]
OZONIZE	EINOOZZ	to convert into ozone [v -D, -ZING, -S]
OZONOUS	NOOOSUZ	pertaining to ozone (form of oxygen) [adj]

## P 7s - Chemistry

PAPAINS	AAINPPS	PAPAIN, enzyme (complex protein) [n]
PECTASE	ACEEPST	enzyme (complex protein) [n -S]
PECTATE	ACEEPTT	chemical salt [n -S]
PECTINS	CEINPST	PECTIN, carbohydrate derivative [n]
PENTANE	AEENNPT	volatile liquid [n -S]





# Down to a Science - Chemistry

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PENTENE	EEENNPT	liquid hydrocarbon [n -S]
PENTOSE	EENOPST	sugar having five carbon atoms per molecule [n -S]
PENTYLS	ELNPSTY	PENTYL, amyl (univalent radical) [n]
PEPTICS	CEIPPST	PEPTIC, substance that promotes digestion [n]
PEPTIDE	DEEIPPT	combination of amino acids [n -S]
PEPTIDS	DEIPPST	PEPTID, peptide (combination of amino acids) [n]
PEPTIZE	EEIPPTZ	to increase colloidal dispersion of [v -D, -ING, -S]
PEPTONE	EENOPPT	protein compound [n -S]
PERACID	ACDEIPR	type of acid (type of chemical compound) [n -S]
PEROXID	DEIOPRX	peroxide [n -S]
PERSALT	AELPRST	chemical salt [n -S]
PETROLS	ELOPRST	PETROL, gasoline (liquid fuel) [n]
PEWTERS	EEPRSTW	PEWTER, tin alloy [n]
PEWTERY	EEPRTWY	PEWTER, tin alloy [adj]
PHARMAS	AAHMPRS	PHARMA, pharmaceutical company [n]
PHARMER	AEHMPRR	one who participates in pharming [n -S]
PHENATE	AEHNPT	salt of carbolic acid [n -S]
PHENOLS	EHLNOPS	PHENOL, caustic compound [n]
PHENOXY	EHNOPXY	containing radical derived from phenol [adj]
PHENYLS	EHLNPSY	PHENYL, univalent chemical radical [n]
PHORATE	AEHOPRT	insecticide [n -S]
PHYTANE	AEHNPTY	chemical compound [n -S]
PHYTINS	HINPSTY	PHYTIN, calcium-magnesium salt [n]
PHYTOLS	HLOPSTY	PHYTOL, alcohol (flammable liquid) [n]
PICOLIN	CIILNOP	picoline (chemical compound) [n -S]
PICRATE	ACEIPRT	chemical salt [n -S]
PINENES	EEINNPS	PINENE, main constituent of turpentine [n]
PINITOL	IILNOPT	alcohol (flammable liquid) [n -S]
PIPETTE	EEIPPTT	to measure liquid with calibrated tube [v -D, -TING, -S]
PLASMIN	AILMNPS	enzyme (complex protein) [n -S]
PLATINA	AAILNPT	platinum (metallic element) [n -S]
PLUMBIC	BCILMPU	containing lead [adj]
PLUMBUM	BLMMPUU	lead [n -S]
POLYENE	EELNOPY	chemical compound [n -S]
POLYMER	ELMOPRY	complex chemical compound [n -S]
POLYOLS	LLOOPSY	POLYOL, alcohol containing three or more hydroxyl groups [n]
PREPREG	EEGPPRR	reinforcing material already impregnated with synthetic resin [n -S]
PRESSOR	EOPRRSS	substance that raises blood pressure [n -S]
PRODRUG	DGOPRRU	inactive chemical substance that becomes active drug in body [n -S]
PROLINE	EILNOPR	amino acid [n -S]
PROMINE	EIMNOPR	substance that promotes growth [n -S]
PROPANE	AENOPPR	flammable gas [n -S]
PROPENE	EENOPPR	flammable gas [n -S]
PROPYLS	LOPPRSY	PROPYL, univalent radical [n]
PROPYNE	ENOPPRY	gaseous methyl acetylene [n -S]
PROTEAN	AENOPRT	type of protein (nitrogenous organic compound) [n -S]
PROTEID	DEIOPRT	protein (nitrogenous organic compound) [n -S]



# Down to a Science - Chemistry

7-letter bingos about **SCIENCE - CHEMISTRY** go down on your board  
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PROTEIN	EINOPRT	nitrogenous organic compound [n -S]
PROTIUM	IMOPRTU	isotope of hydrogen [n -S]
PROTYLE	ELOPRTY	hypothetical substance from which all elements are supposedly derived [n -S]
PROTYLS	LOPRSTY	PROTYL, protyle (hypothetical substance from which all elements are supposedly derived) [n]
PRUSSIC	CIPRSSU	pertaining to type of acid [adj]
PTERINS	EINPRST	PTERIN, chemical compound [n]
PTOMAIN	AIMNOPT	ptomaine (compound produced by decomposition of protein) [n -S]
PURINES	EINPRSU	PURINE, chemical compound [n]
PYRIDIC	CDIIPRY	PYRIDINE, flammable liquid [adj]
PYRITES	EIPRSTY	PYRITE, metallic sulfide [n]
PYRITIC	CIIPRTY	PYRITE, metallic sulfide [adj]
PYRONES	ENOPRSY	PYRONE, chemical compound [n]
PYRROLE	ELOPRRY	chemical compound [n -S]
PYRROLS	LOPRRSY	PYRROL, pyrrole (chemical compound) [n]

## Q 7s - Chemistry

QUASSIN	AINQSSU	medicinal compound obtained from wood of quassia [n -S]
QUININA	AIINNQU	quinine (medicinal alkaloid) [n -S]
QUININE	EIINNQU	medicinal alkaloid [n -S]
QUININS	IINNQSU	QUININ, quinine (medicinal alkaloid) [n]
QUINOID	DIINOQU	chemical compound [n -S]
QUINOLS	ILNOQSU	QUINOL, chemical compound [n]
QUINONE	EINNOQU	chemical compound [n -S]

## R 7s - Chemistry

RACEMIC	ACCEIMR	pertaining to racemate (chemical salt) [adj]
RADICAL	AACDILR	group of atoms that acts as unit in chemical compounds [n -S]
RADIUMS	ADIMRSU	RADIUM, radioactive element [n]
REAGENT	AEEGNRT	substance used in chemical reaction to ascertain nature or composition of another [n -S]
REDOXES	DEEORSX	REDOX, type of chemical reaction [n]
REELTS	EELMRST	RE MELT, MELT, to change from solid to liquid state by heat [v]
RENNASE	AEENNRS	rennin (enzyme (complex protein)) [n -S]
RENNINS	EINNNRS	RENNIN, enzyme (complex protein) [n]
RESINED	DEEINRS	RESIN, to treat with resin (viscous substance obtained from certain plants) [v]
RETENES	EEENRST	RETENE, chemical compound [n]
RETINOL	EILNORT	liquid hydrocarbon [n -S]
RETSINA	AEINRST	resin-flavored Greek wine [n -S]
RHENIUM	EHIMNRU	metallic element [n -S]
RHODIUM	DHIMORU	metallic element [n -S]
RIBOSES	BEIORSS	RIBOSE, pentose sugar [n]
RONNELS	ELNNORS	RONNEL, insecticide [n]
ROOFIES	EFIOORS	ROOFIE, tablet of powerful sedative (Rohypnol) [n]
ROSINED	DEINORS	ROSIN, to treat with rosin (brittle resin) [v]
ROSINED	DEINORS	ROSIN, to treat with rosin (brittle resin) [v]
ROSINOL	ILNOORS	rosin oil [n -S]
RUBIDIC	BCDIIRU	RUBIDIUM, metallic element [adj]
RUBIGOS	BGIORSU	RUBIGO, red iron oxide [n]
RUBIGOS	BGIORSU	RUBIGO, red iron oxide [n]
RUSTING	GINRSTU	RUST, to form rust (reddish coating that forms on iron) [v]



# Down to a Science - Chemistry

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RUTILES	EILRSTU	RUTILE, mineral [n]
<b>S 7s - Chemistry</b>		
SAFROLE	AEFLORS	poisonous liquid [n -S]
SAFROLS	AFLORSS	SAFROL, safrole (poisonous liquid) [n]
SALICIN	ACIILNS	chemical compound [n -S]
SALINES	AEILNSS	SALINE, salt solution [n]
SCANDIA	AACDINS	oxide of scandium [n -S]
SCANDIC	ACCDINS	SCANDIUM, metallic element [adj]
SEBACIC	ABCCEIS	derived from certain acid [adj]
SEBASIC	ABCEISS	sebacic (derived from certain acid) [adj]
SELENIC	CEEILNS	pertaining to selenium (nonmetallic element) [adj]
SERICIN	CEIINRS	kind of protein [n -S]
SERINES	EEINRSS	SERINE, amino acid [n]
SILANES	AEILNSS	SILANE, chemical compound [n]
SILEXES	EEILSSX	SILEX, silica (form of silicon) [n]
SILICAS	ACIILSS	SILICA, form of silicon [n]
SILICIC	CCIIILS	pertaining to silicon (nonmetallic element) [adj]
SILICON	CIILNOS	nonmetallic element [n -S]
SILLERS	EILLRSS	SILLER, silver [n]
SILVERN	EILNRSV	silvery (resembling silver) [adj]
SILVERS	EILRSSV	SILVER, to cover with silver (metallic element) [v]
SKATOLE	AEKLOST	chemical compound [n -S]
SKATOLS	AKLOSST	SKATOL, skatole (chemical compound) [n]
SLAGGED	ADEGGLS	SLAG, to convert into slag (fused residue of smelted ore) [v]
SMECTIC	CCEIMST	pertaining to phase of liquid crystal [adj]
SMEEKED	DEEEKMS	SMEEK, to smoke (to emit smoke (gaseous product of burning materials)) [v]
SMOKING	GIKMNOS	inhaling and exhaling of smoke of tobacco or drug [n -S]
SMOLDER	DELMORS	to burn with no flame [v -ED, -ING, -S]
SODIUMS	DIMOSSU	SODIUM, metallic element [n]
SOLANIN	AILNNOS	solanine (poisonous alkaloid) [n -S]
SOLUBLY	BLLOSUY	in soluble manner [adv]
SOLUTES	ELOSSTU	SOLUTE, dissolved substance [n]
SOLVATE	AELOSTV	to convert into type of ion [v -D, -TING, -S]
SOLVENT	ELNOSTV	substance capable of dissolving others [n -S]
SORBATE	ABEORST	sorbed substance [n -S]
SORBENT	BENORST	substance that sorbs [n -S]
SORBING	BGINORS	SORB, to take up and hold by absorption or adsorption [v]
SORBOSE	BEOORSS	type of sugar [n -S]
SOZINES	EINOSSZ	SOZINE, sozin (type of protein (nitrogenous organic compound)) [n]
SPELTER	EELPRST	zinc in form of ingots [n -S]
STANNIC	ACINNST	pertaining to tin [adj]
STANNUM	AMNNSTU	tin [n -S]
STANOLS	ALNOSST	STANOL, fully saturated phytosterol [n]
STATINS	AINSSTT	STATIN, any of class of drugs that reduce serum cholesterol levels [n]
STEARIC	ACEIRST	STEARIN, solid portion of fat [adj]
STEARIN	AEINRST	solid portion of fat [n -S]
STERANE	AEENRST	chemical compound [n -S]



# Down to a Science - Chemistry

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STEROID	DEIORST	type of chemical compound [n -S]
STEROLS	ELORSST	STEROL, type of solid alcohol [n]
STIBIAL	ABIILST	pertaining to stibium (antimony (metallic element)) [adj]
STIBINE	BEIINST	poisonous gas [n -S]
STIBIUM	BIIMSTU	antimony (metallic element) [n -S]
STOKING	GIKNOST	STOKE, to supply furnace with fuel [v]
STYRENE	EENRSTY	liquid hydrocarbon [n -S]
SUBACID	ABCDISU	slightly sour [adj]
SUBCOOL	BCLOOSU	to cool below freezing point without solidification [v -ED, -ING, -S]
SUCRASE	ACERSSU	enzyme (complex protein) [n -S]
SUCROSE	CEORSSU	type of sugar [n -S]
SULFATE	AEFLSTU	to treat with sulfuric acid [v -D, -TING, -S]
SULFIDE	DEFILSU	sulfur compound [n -S]
SULFIDS	DFILSSU	SULFID, sulfide (sulfur compound) [n]
SULFITE	EFILSTU	chemical salt [n -S]
SULFONE	EFLNOSU	sulfur compound [n -S]
SULFURS	FLRSSUU	SULFUR, to treat with sulfur (nonmetallic element) [v]
SULFURY	FLRSUUY	resembling sulfur [adj]
SULPHAS	AHLPSSU	SULPHA, sulfa (bacteria-inhibiting drug) [n]
SULPHID	DHILPSU	sulfide (sulfur compound) [n -S]
SULPHUR	HLPRSUU	to sulfur (to treat with sulfur (nonmetallic element)) [v -ED, -ING, -S]
SYNANON	ANNNOSY	method of group therapy for drug addicts [n -S]

## T 7s - Chemistry

TACRINE	ACEINRT	drug for treating Alzheimer's disease [n -S]
TAENITE	AEEINTT	nickel-iron alloy in meteorites [n -S]
TALLOLS	ALLLOST	TALLOL, resinous liquid [n]
TAMBACS	AABCMST	TAMBAC, tombac (alloy of copper and zinc) [n]
TAMBAKS	AABKMST	TAMBAK, tombac (alloy of copper and zinc) [n]
TANNATE	AAENNTT	chemical salt [n -S]
TANNINS	AINNNST	TANNIN, chemical compound used in tanning [n]
TAURINE	AEINRTU	chemical compound [n -S]
TEARGAS	AAEGRST	to subject to gas that irritates eyes [v -ED, -SING, -ES or -SSES]
TERBIAS	ABEIRST	TERBIA, oxide of terbium [n]
TERBIUM	BEIMRTU	metallic element [n -S]
TEREBIC	BCEEIRT	pertaining to acid derived from oil of turpentine [adj]
TERPENE	EEENPRT	chemical compound [n -S]
TETANIC	ACEINTT	drug capable of causing convulsions [n -S]
TETROSE	EEORSTT	sugar whose molecules contain four carbon atoms [n -S]
TETRYLS	ELRSTTY	TETRYL, chemical compound [n]
THALLIC	ACHILLT	THALLIUM, metallic element [adj]
THEINES	EEHINST	THEINE, caffeine (bitter alkaloid used as stimulant) [n]
THIAMIN	AHIIMNT	thiamine (B vitamin) [n -S]
THIAZIN	AHIINTZ	thiazine (chemical compound) [n -S]
THIAZOL	AHILOTZ	thiazole (chemical compound) [n -S]
THIOLIC	CHIILOT	THIOL, sulfur compound [adj]
THIONIC	CHIINOT	pertaining to sulfur [adj]
THIONYL	HILNOTY	sulfinyl (bivalent radical) [n -S]



# Down to a Science - Chemistry

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THIRAMS	AHIMRST	THIRAM, chemical compound [n]
THORIAS	AHIORST	THORIA, oxide of thorium [n]
THORIUM	HIMORTU	metallic element [n -S]
THORONS	HNOORST	THORON, radioactive isotope of radon [n]
THULIAS	AHILSTU	THULIA, oxide of thulium [n]
THULIUM	HILMTUU	metallic element [n -S]
THYMINE	EHIMNTY	chemical compound [n -S]
THYMOLS	HLMOSTY	THYMOL, chemical compound [n]
TIMOLOL	ILLMOOT	drug used to treat glaucoma [n -S]
TINCALS	ACILNST	TINCAL, crude borax [n]
TINLIKE	EIIKLNT	resembling tin [adj]
TINNING	GIINNTT	TIN, to coat with tin (metallic element) [v]
TITRATE	AEIRTTT	to determine strength of solution by adding reagent until desired reaction occurs [v -D, -TING, -S]
TOLANES	AELNOST	TOLANE, tolan (chemical compound) [n]
TOLIDIN	DIILNOT	tolidine (chemical compound) [n -S]
TOLUATE	AELOTTU	chemical salt [n -S]
TOLUENE	EELNOTU	flammable liquid [n -S]
TOLUIDE	DEILOTU	amide (type of chemical compound) [n -S]
TOLUIDS	DILOSTU	TOLUID, toluid (amide (type of chemical compound)) [n]
TOLUOLE	ELLOOTU	toluol (toluene (flammable liquid)) [n -S]
TOLUOLS	LLOOSTU	TOLUOL, toluene (flammable liquid) [n]
TOLUYLS	LLOSTUY	TOLUYL, univalent chemical radical [n]
TOMBACK	ABCKMOT	tombac (alloy of copper and zinc) [n -S]
TOMBACS	ABCMOST	TOMBAC, alloy of copper and zinc [n]
TOMBAKS	ABKMOST	TOMBAK, tombac (alloy of copper and zinc) [n]
TORREFY	EFORRTY	to subject to intense heat [v -FIED, -ING, -FIES]
TORRIFY	FIORRTY	to torrefy (to subject to intense heat) [v -FIED, -ING, -FIES]
TOXINES	EINOSTX	TOXINE, toxin (poisonous substance) [n]
TOXOIDS	DIOOSTX	TOXOID, type of toxin (poisonous substance) [n]
TRIACID	ACDIIRT	type of acid (type of chemical compound) [n -S]
TRIAZIN	AIINRTZ	triazine (chemical compound) [n -S]
TRienes	EEINRST	TRIEENE, type of chemical compound [n]
TRIMERS	EIMRRST	TRIMER, type of chemical compound [n]
TRIOSES	EIORSST	TRIOSE, simple sugar [n]
TRIOXID	DIIORTX	trioxide (type of oxide (binary compound of oxygen with another element or radical)) [n -S]
TRIPTAN	AINPRTT	drug for treating migraine attacks [n -S]
TRITIUM	IIMRTTU	isotope of hydrogen [n -S]
TROPINE	EINOPRT	poisonous alkaloid [n -S]
TROPINS	INOPRST	TROPIN, tropine (poisonous alkaloid) [n]
TRYPSIN	INPRSTY	enzyme (complex protein) [n -S]
TRYPTIC	CIPRTTY	TRYPSIN, enzyme (complex protein) [adj]
TUBULIN	BILNTUU	protein that polymerizes to form tiny tubules [n -S]
TUTTIES	EISTTTU	TUTTY, impure zinc oxide [n]
TYLOSIN	ILNOSTY	antibiotic [n -S]

## U 7s - Chemistry

UNLEADS	ADELNSU	UNLEAD, to remove lead from [v]
URACILS	ACILRSU	URACIL, chemical compound [n]



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URANIAS	AAINRSU	URANIA, uranium dioxide [n]
URANIDE	ADEINRU	uranium (radioactive element) [n -S]
URANIUM	AIMNRUU	radioactive element [n -S]
URANOUS	ANORSUU	pertaining to uranium (radioactive element) [adj]
URANYLS	ALNRSUY	URANYL, bivalent radical [n]
UREIDES	DEEIRSU	UREIDE, chemical compound [n]
URETHAN	AEHNRTU	urethane (chemical compound) [n -S]
URIDINE	DEIINRU	chemical compound [n -S]

## V 7s - Chemistry

VALENCE	ACEELNV	degree of combining power of element or radical [n -S]
VALENCY	ACELNVY	valence (degree of combining power of element or radical) [n -CIES]
VALINES	AEILNSV	VALINE, amino acid [n]
VANADIC	AACDINV	VANADIUM, metallic element [adj]
VERONAL	AELNORV	sedative drug [n -S]
VINEGAR	AEGINRV	sour liquid used as condiment or preservative [n -S]
VITAMER	AEIMRTV	type of chemical compound [n -S]
VITAMIN	AIIMNTV	any of various organic substances essential to proper nutrition [n -S]
VITRIOL	IILORTV	to treat with sulfuric acid [v -ED, -ING, -S or -LLED, -LLING, -S]

## W 7s - Chemistry

WHIPPIT	HIIPTTW	small container of nitrous oxide [n -S]
WOLFRAM	AFLMORW	tungsten (metallic element) [n -S]
WOORALI	AILOORW	curare (arrow poison) [n -S]
WOORARI	AIOORRW	curare (arrow poison) [n -S]

## X 7s - Chemistry

XYLENES	EELNSXY	XYLENE, flammable hydrocarbon [n]
XYLIDIN	DIILNXY	xylidine (chemical compound) [n -S]
XYLITOL	ILOTXY	alcohol (flammable liquid) [n -S]
XYLOSES	ELOSSXY	XYLOSE, type of sugar [n]

## Y 7s - Chemistry

YPERITE	EEIPRTY	poisonous gas [n -S]
YTTRIAS	AIRSTTY	YTTRIA, chemical compound [n]
YTTRIUM	IMRTTUY	metallic element [n -S]

## Z 7s - Chemistry

ZEATINS	AEINSTZ	ZEATIN, chemical compound found in maize [n]
ZINCATE	ACEINTZ	chemical salt [n -S]
ZINCIFY	CFIINYZ	to coat with zinc [v -FIED, -FYING, -FIES]
ZINCING	CGIINNZ	ZINC, to coat with zinc (metallic element) [v]
ZINCKED	CDEIKNZ	ZINC, to coat with zinc (metallic element) [v]
ZINCOID	CDIINOZ	zincic (pertaining to zinc) [adj]
ZINCOUS	CINOSUZ	zincic (pertaining to zinc) [adj]
ZINKIFY	FIIKNYZ	to zincify (to coat with zinc) [v -FIED, -FYING, -FIES]
ZYMASSES	AEMSSYZ	ZYMASE, enzyme (complex protein) [n]
ZYMOGEN	EGMNOYZ	substance that develops into enzyme when suitably activated [n -S]
ZYMOSES	IMOSSYZ	fermentation [n -SES]
ZYMOTIC	CIMOTYZ	ZYMOSIS, fermentation [adj]
ZYMURGY	GMRUYYZ	branch of chemistry dealing with fermentation [n -GIES]