



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH** (geology, oceanography, meteorology) go down on your board
compiled by Jacob Cohen, Asheville Scrabble Club

A 8s - Earth (geology, oceanography, meteorology)

ADULARIA	AAADILRU	mineral [n -S]
AEROLITE	AEEILORT	meteorite containing more stone than iron [n -S]
AEROLITH	AEHILORT	aerolite (meteorite containing more stone than iron) [n -S]
AEROLOGY	AEGLOORY	study of atmosphere [n -GIES]
AERONOMY	AEMNOORY	study of upper atmosphere [n -MIES]
AESTIVAL	AAEILSTV	estival (pertaining to summer) [adj]
AETHERIC	ACEEHIRT	AETHER, upper region of atmosphere [adj]
AFFOREST	AEFFORST	to convert into forest [v -ED, -ING, -S]
AGROLOGY	AGGLOORY	science of soils in relation to crops [n -GIES]
AIGUILLE	AEGIILLU	sharp, pointed mountain peak [n -S]
AIRINESS	AEIINRSS	state of being airy (having nature of air (mixture of gases that surrounds earth)) [n -ES]
AIRSCAPE	AACEIPRS	view of earth from aircraft or high position [n -S]
AIRSPACE	AACEIPRS	portion of atmosphere above particular land area [n -S]
ALLANITE	AAEILLNT	mineral [n -S]
ALLOYING	AGILLNOY	ALLOY, to combine to form alloy (homogenous mixture of metals) [v]
ALLUVIAL	AAILLUV	soil composed of alluvium [n -S]
ALMANACK	AAACKLMN	almanac (annual publication containing general information) [n -S]
AMETHYST	AEHMSTTY	variety of quartz [n -S]
AMIANUS	AAIMNSTU	variety of asbestos [n -ES]
AMYGDALE	AADEGLMY	amygdale (small gas bubble in lava) [n -S]
AMYGDULE	ADEGLMUY	small gas bubble in lava [n -S]
ANABATIC	AAABCINT	pertaining to rising wind currents [adj]
ANALCIME	AACEILMN	analcite (mineral) [n -S]
ANALCITE	AACEILNT	mineral [n -S]
ANDESITE	ADEEINST	volcanic rock [n -S]
ANDESYTE	ADEENSTY	andesite (volcanic rock) [n -S]
ANKERITE	AEEIKNRT	mineral [n -S]
ANORTHIC	ACHINORT	denoting certain type of crystal system [adj]
ANTHELIA	AAEHILNT	halolike areas seen in sky opposite sun [n]
ANTISMOG	AGIMNOST	designed to reduce pollutants that cause smog [adj]
ANVILTOP	AILNOPTV	anvil-shaped cloud mass [n -S]
APHANITE	AAEHINPT	igneous rock [n -S]
ARIDNESS	ADEINRSS	aridity (state of being arid (extremely dry)) [n -ES]
ASBESTIC	ABCEISST	ASBESTOS, mineral [adj]
ASBESTOS	ABEOSSST	mineral [n -ES]
ASBESTUS	ABESSSTU	asbestos (mineral) [n -ES]
ASEISMIC	ACEIIMSS	not subject to earthquakes [adj]
ASTERISM	AEIMRSST	property of certain minerals of showing starlike luminous figure [n -S]
AUTUMNAL	AALMNTUU	AUTUMN, season of year [adj]
AUTUNITE	AEINTTUU	mineral [n -S]

B 8s - Earth (geology, oceanography, meteorology)

BACKRUSH	ABCHKRSU	seaward return of water from wave [n -ES]
BAGUETTE	ABEEGTTU	rectangular gem [n -S]
BALMIEST	ABEILMST	BALMY, mild (not harsh or rough) [adj]
BANKSIDE	ABDEIKNS	slope of river bank [n -S]
BAROGRAM	AABGMORR	barometric reading [n -S]



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BASALTIC	AABCILST	BASALT, volcanic rock [adj]
BAUXITIC	ABCIIITUX	BAUXITE, ore of aluminum [adj]
BAYFRONT	ABFNORTY	shoreline of bay (inlet of sea) [n -S]
BEDEWING	BDEEGINW	BEDEW, to wet with dew [v]
BEFOGGED	BDEEFGGO	BEFOG, to envelop in fog [v]
BEMISTED	BDEEIMST	BEMIST, to envelop in mist [v]
BERYLINE	BEEILNRY	BERYL, green mineral [adj]
BESNOWED	BDEENOSW	BESNOW, to cover with snow [v]
BIOTITIC	BCIIIOTT	BIOTITE, form of mica [adj]
BLASTIER	ABEILRST	BLASTY, gusty (blowing in gusts) [adj]
BLIZZARD	ABDILRZZ	heavy snowstorm [n -S] / [v -ED, -ING, -S]
BLOWDOWN	BDLNOOWW	tree blown down by wind [n -S]
BLOWIEST	BEILOSTW	BLOWY, windy (marked by strong wind) [adj]
BLUSTERY	BELRSTUY	windy (marked by strong wind) [adj]
BOEHMITE	BEEHIMOT	mineral [n -S]
BOGGIEST	BEGGIOST	BOGGY, marshy (resembling marsh (tract of low, wet land)) [adj]
BORACITE	ABCEIORT	mineral [n -S]
BOREASES	ABEEORSS	BOREAS, north wind [n]
BORNITIC	BCIINORT	BORNITE, ore of copper [adj]
BOULDERY	BDELORUY	characterized by large rocks [adj]
BRASSING	ABGINRSS	BRASS, to coat with brass (alloy of copper and zinc) [v]
BRAUNITE	ABEINRTU	mineral [n -S]
BRECCIAL	ABCCEILR	BRECCIA, type of rock [adj]
BREEZIER	BEEEIRRZ	BREEZY, windy (marked by strong wind) [adj]
BREEZILY	BEEILRYZ	BREEZY, windy (marked by strong wind) [adv]
BREEZING	BEEGINRZ	BREEZE, to move swiftly [v]
BROOKITE	BEIKOORT	mineral [n -S]
BRUNIZEM	BEIMNRUZ	prairie soil [n -S]
BURBLING	BBGILNRU	breaking up of airflow into turbulence [n -S]
BUSHLAND	ABDHLNSU	unsettled forest land [n -S]

C 8s - Earth (geology, oceanography, meteorology)

CABOCHON	ABCCHNOO	precious stone [n -S]
CALCITIC	ACCCIILT	CALCITE, mineral [adj]
CALCSPAR	AACCLPRS	calcite (mineral) [n -S]
CALCTUFA	AACCFLTU	mineral deposit [n -S]
CALCTUFF	ACCCFLTU	calctufa (mineral deposit) [n -S]
CALMNESS	ACELMNSS	state of being calm (free from agitation) [n -ES]
CENOZOIC	CCEINOOZ	of or pertaining to certain geologic time period [adj]
CERUSITE	CEEIRSTU	lead ore [n -S]
CHERTIER	CEEHIRRT	CHERTY, resembling chert (compact rock) [adj]
CHILLEST	CEHILLST	CHILL, cool (moderately cold) [adj]
CHILLIER	CEHIILLR	CHILLY, cool (moderately cold) [adj]
CHILLILY	CHIILLLY	CHILLY, cool (moderately cold) [adv]
CHILLING	CGHIILLN	CHILL, to make cold (having little or no warmth) [v]
CHLORITE	CEHILORT	mineral group [n -S]
CHRESARD	ACDEHRRS	available water of soil [n -S]
CHROMING	CGHIMNOR	chromium ore [n -S]



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CHROMITE	CEHIMORT	chromium ore [n -S]
CHROMOLY	CHLMOORY	steel alloy made of chromium and molybdenum [n -LIES, -S]
CHUBASCO	ABCCHOSU	violent thunderstorm [n -S]
CINNABAR	AABCINNR	principal ore of mercury [n -S]
CLEVEITE	CEEEILTV	radioactive mineral [n -S]
CLIMATAL	AACILLMT	CLIMATE, weather conditions characteristic of area [adj]
CLIMATIC	ACCIILMT	CLIMATE, weather conditions characteristic of area [adj]
CLOUDIER	CDEILORU	CLOUDY, overcast with clouds [adj]
CLOUDILY	CDILLOUY	CLOUDY, overcast with clouds [adv]
CLOUDING	CDGILNOU	CLOUD, to cover with clouds (masses of visible vapor) [v]
CLOUDLET	CDELLOTU	small cloud [n -S]
COALFACE	AACCEFLO	place where coal is cut out of rock [n -S]
COLDNESS	CDELNOSS	state of being cold (having little or no warmth) [n -ES]
COLLUVIA	ACILLOUV	rock debris [n]
CONODONT	CDNNOOOT	fossil (remains of animal or plant preserved in earth's crust) [n -S]
CONTRAIL	ACILNORT	visible trail of water vapor from aircraft [n]
COOLNESS	CELNOOSS	state of being cool (moderately cold) [n -ES]
CORUNDUM	CDMNORUU	hard mineral [n -S]
CRAGSMAN	AACGMNRS	one who climbs crags (large jagged rock) [n -MEN]
CRANNOGE	ACEGNOR	crannog (artificial island) [n -S]
CRATONIC	ACNORST	CRATON, part of earth's crust [adj]
CROCOITE	CCEIOORT	mineral [n -S]
CROPLAND	ACDLNOPR	farmland (cultivated land) [n -S]
CRYOLITE	CEILORTY	mineral [n -S]
CUMULOUS	CLMOSUUU	CUMULUS, type of cloud [adj]
CYANITIC	ACCIINTY	CYANITE, mineral [adj]
CYCLONAL	ACLLNOY	CYCLONE, rotating system of winds [adj]
CYCLONIC	CCCILNOY	CYCLONE, rotating system of winds [adj]

D 8s - Earth (geology, oceanography, meteorology)

DEFOGGED	DDEEFGGO	DEFOG, to remove fog from [v]
DELUGING	DEGGILNU	DELUGE, to flood (to inundate (to overwhelm with water)) [v]
DEMISTED	DDEEIMST	DEMIST, to defog (to remove fog from) [v]
DETRITAL	ADEILRTT	DETRITUS, particles of rock [adj]
DETRITUS	DEIRSTTU	particles of rock [n DETRITUS]
DEVONIAN	ADEINNOV	of or pertaining to certain geologic time period [adj]
DEWINESS	DEEINSSV	state of being dewy (moist with dew) [n -ES]
DIABASIC	AABCDIIS	DIABASE, igneous rock [adj]
DIALLAGE	AADEGILL	mineral [n -S]
DIAPIRIC	ACDIIIPR	DIAPIR, bend in layer of rock [adj]
DIASPORE	ADEIOPRS	mineral [n -S]
DILUVIAL	ADIILLUV	pertaining to flood [adj]
DILUVIAN	ADIILNUV	diluvial (pertaining to flood) [adj]
DILUVION	DIILNOUV	diluvium (coarse rock material deposited by glaciers) [n -S]
DILUVIUM	DIILMUUV	coarse rock material deposited by glaciers [n -S or -IA]
DIOPSIDE	DDEIIOPS	mineral [n -S]
DIOPTASE	ADEIOPST	mineral [n -S]
DIORITIC	CDIIIORT	DIORITE, igneous rock [adj]



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DOLERITE	DEEILORT	variety of basalt [n -S]
DOLOMITE	DEILMOOT	mineral [n -S]
DOWNLAND	ADDLNNOW	rolling treeless upland [n -s]
DOWNPOUR	DNOOPRUW	heavy rain [n -S]
DOWNWASH	ADHNOSWW	downward deflection of air [n -ES]
DOWNWIND	DDINNOWW	in direction that wind blows [adv]
DRAFTIER	ADEFIRRT	DRAFTY, having or exposed to currents of air [adj]
DRAFTILY	ADFILRTY	DRAFTY, having or exposed to currents of air [adv]
DRAUGHTY	ADGHRTUY	drafty (having or exposed to currents of air) [adj -TIER, -TIEST]
DRIFTAGE	ADEFGIRT	act of drifting (to move along in current) [n -S]
DRIFTIER	DEFIIRRT	DRIFTY, full of drifts (masses of wind-driven snow) [adj]
DRIFTING	DFGIINRT	DRIFT, to move along in current [v]
DROUGHTY	DGHORTUY	dry (having no moisture) [adj -TIER, -TIEST]
DUNELAND	ADDELNNU	area having many dunes [n -S]

E 8s - Earth (geology, oceanography, meteorology)

EARTHIER	AEEHIRRT	EARTHY, composed of, resembling, or suggestive of earth [adj]
EARTHILY	AEHILRTY	in earthy (composed of, resembling, or suggestive of earth) manner [adv]
EASTERLY	AEELRSTY	wind from east [n -LIES]
ECLOGITE	CEEGILOT	type of rock [n -S]
ELECTRUM	CEELMRTU	alloy of gold and silver [n -S]
ELUVIATE	AEEILTUV	to undergo transfer of materials in soil [v -D, -TING, -S]
EMPYREAL	AEELMPRY	pertaining to sky [adj]
EPIDOTIC	CDEIIOPT	EPIDOTE, mineral [adj]
EPIFOCAL	ACEFILOP	pertaining to point of origin of earthquake [adj]
EPIGENIC	CEEGIINP	pertaining to change in mineral character of rock [adj]
ERODABLE	ABDEELOR	erosible (capable of being eroded (to wear away by constant friction)) [adj]
ERODIBLE	BDEEILOR	erosible (capable of being eroded (to wear away by constant friction)) [adj]
EROSIBLE	BEEILORS	capable of being eroded (to wear away by constant friction) [adj]
ERUPTIVE	EEIPRTUV	type of rock [n -S]
ESSONITE	EEINOSST	variety of garnet [n -S]
EUSTATIC	ACEISTTU	eustacy (worldwide change in sea level) [adj]
EUTECTIC	CCEEITTU	alloy that has lowest possible melting point [n -S]
EUXENITE	EEEINTUX	mineral [n -S]
EXOGENIC	CEEGINOX	formed or occurring on surface of earth [adj]

F 8s - Earth (geology, oceanography, meteorology)

FAHLBAND	AABDFHLN	band or stratum of rock impregnated with metallic sulfides [n -S]
FAVONIAN	AAFINNOV	pertaining to west wind [adj]
FAYALITE	AAEFILTY	mineral [n -S]
FELDSPAR	ADEFLPRS	mineral [n -S]
FELSITIC	CEFIILST	FELSITE, igneous rock [adj]
FELSTONE	EEFLNOST	felsite (igneous rock) [n -S]
FENNIEST	EEFINNST	FENNY, marshy (resembling marsh (tract of low, wet land)) [adj]
FLINKITE	EFIIKLNT	mineral [n -S]
FLINTIER	EFIILNRT	FLINTY, resembling flint (spark-producing rock) [adj]
FLINTING	FGIILNNT	FLINT, to provide with flint (spark-producing rock) [v]
FLOODING	DFGILNOO	FLOOD, to inundate (to overwhelm with water) [v]
FLUORITE	EFILORTU	mineral [n -S]



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FLYSCHES	CEFHLSY	FLYSCH, sandstone deposit [n]
FOGBOUND	BDFGNOOU	surrounded by fog [adj]
FOGGIEST	EFGGIOST	FOGGY, filled with fog [adj]
FOOTWALL	AFLLOOTW	layer of rock beneath vein of ore [n -S]
FORELAND	ADEFLNOR	projecting mass of land [n -S]
FORESTAL	AEFLORST	of or pertaining to forest [adj]
FORESTED	DEEFORST	FOREST, to convert into forest (densely wooded area) [v]
FORESTRY	EFORRSTY	science of planting and managing forests [n -RIES]
FRIGIDLY	DFGIILRY	FRIGID, very cold [adv]
FROSTIER	EFIORRST	FROSTY, covered with frost [adj]
FROSTILY	FILORSTY	FROSTY, covered with frost [adv]
FROSTING	FGINORST	FROST, to cover with frost (deposit of minute ice crystals) [v]
FROZENLY	EFLNORYZ	FROZEN, very cold [adv]
FUMAROLE	AEFLMORU	hole from which volcanic vapors issue [n -S]

G 8s - Earth (geology, oceanography, meteorology)

GABBROIC	ABBCGIOR	GABBRO, type of rock [adj]
GABBROID	ABBDGIOR	GABBRO, type of rock [adj]
GALENITE	AEEGILNT	galena (principal ore of lead) [n -S]
GANISTER	AEGINRST	type of rock [n -S]
GEMMIEST	EEGIMMST	GEMMY, resembling gem (precious stone) [adj]
GEMOLOGY	EGGLMOOY	science of gems [n -GIES]
GEMSTONE	EEGMNOST	precious stone [n -S]
GEODESIC	CDEEGIOS	geometric line [n -S]
GEOGNOSY	EGGNOOSY	branch of geology [n -SIES]
GEOLOGER	EEGGLOOR	specialist in geology [n -S]
GEOLOGIC	CEGGILOO	GEOLOGY, science that deals with origin and structure of earth [adj]
GEOPHAGY	AEGGHPOY	practice of eating earth substances [n -GIES]
GEOPHONE	EEGHNOOP	device that detects vibrations in earth [n -S]
GEYSERED	DEEEGRSY	GEYSER, to eject jets of hot water and steam [v]
GIBBSITE	BBEGIIST	mineral [n -S]
GIRASOLE	AEGILORS	girasol (variety of opal) [n -ES]
GLACIATE	AACEGILT	to cover with glaciers [v -D, -TING, -S]
GLACIERS	ACEGILRS	GLACIER, huge mass of ice [n]
GLENLIKE	EEGIKLLN	GLEN, small valley (depression of earth's surface) [adj]
GNEISSES	EEGINSSS	GNEISS, type of rock [n]
GNEISSIC	CEGIINSS	GNEISS, type of rock [adj]
GOETHITE	EEGHIOTT	ore of iron [n -S]
GRAINIER	AEGIINRR	GRAINY, granular [adj]
GRANITIC	ACGIINRT	GRANITE, type of rock [adj]
GRAPHITE	AEGHIPRT	variety of carbon [n -S]
GRAVELED	ADEEGLRV	GRAVEL, to pave with gravel (mixture of rock fragments) [v]
GULLYING	GGILLNUY	GULLY, to form ravines by action of water [v]
GUMBOTIL	BGILMOTU	sticky clay [n -S]
GUSTIEST	EGISSTTU	GUSTY, blowing in gusts [adj]
GUSTLESS	EGLSSSTU	having no gusts [adj]

H 8s - Earth (geology, oceanography, meteorology)

HARDPACK	AACDHKPR	compacted snow [n -S]
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HEADLAND	AADDEHLN	cliff (high, steep face of rock) [n -S]
HEADWIND	ADDEHINW	oncoming wind [n -S]
HELIACAL	AACEHILL	pertaining to sun [adj]
HEMATITE	AEEHIMTT	ore of iron [n -S]
HIBERNAL	ABEHILNR	pertaining to winter [adj]
HIGHLAND	ADGHHILN	elevated region [n -S]
HOLOCENE	CEEHLNOO	of or pertaining to certain geologic time period [adj]
HORNFELS	EFHLNORS	silicate rock [n HORNFELS or -ES]
HOTPRESS	EHOPRSST	to subject to heat and pressure [v -ED, -ING, -ES]
HUMIDIFY	DFHIIMUY	to make humid (having much humidity) [v -FIED, -ING, -FIES]
HUMIDITY	DHIIMTUY	moisture of air [n -TIES]
HUMITURE	EHIMRTUU	combined measurement of temperature and humidity [n -S]

J 8s - Earth (geology, oceanography, meteorology)

ICESCAPE	ACCEEIPS	landscape covered with ice [n -S]
IDOCRASE	ACDEIORS	mineral [n -S]
ILLUVIAL	AIILLUV	ILLUVIUM, type of material accumulated in soil [adj]
ILLUVIUM	IILLMUUV	type of material accumulated in soil [n -S or -IA]
ILMENITE	EEIILMNT	mineral [n -S]
INFLUENT	EFILNNTU	tributary [n -S]
INSOLATE	AEILNOST	to expose to sunlight [v -D, -ING, -S]
ISLANDED	ADDEILNS	ISLAND, to make into island (land area entirely surrounded by water) [v]
ISOBATHS	ABHIOSST	ISOBATH, line on map connecting points of equal water depth [n]
ISOBUTYL	BILOSTUY	hydrocarbon radical [n -S]
ISOCHEIM	CEHIIMOS	type of isotherm (line on map connecting points of equal mean temperature) [n -S]
ISOCHIME	CEHIIMOS	isocheim (type of isotherm (line on map connecting points of equal mean temperature)) [n -S]
ISOCHORE	CEHIOORS	curve used to show relationship between pressure and temperature [n -S]
ISOCHRON	CHINOORS	line on chart connecting points representing same time [n -S]
ISOAGONAL	AGILNOOS	isogone (line on map used to show characteristics of earth's magnetic field) [n -S]
ISOAGONIC	CGIINOOS	isogone (line on map used to show characteristics of earth's magnetic field) [n -S]
ISOPHOTE	EHIOOPST	curve on chart joining points of equal light intensity [n -S]
ISOPLETH	EHILOPST	type of isogram (line on map connecting points of equal value) [n -S]
ISOSTACY	ACIOSSTY	isostasy (state of balance in earth's crust) [n -CIES]
ISOSTASY	AIOSSSTY	state of balance in earth's crust [n -SIES]
ISOTHERE	EEHIOIRST	type of isotherm (line on map connecting points of equal mean temperature) [n -S]
ISOTHERM	EHIMORST	line on map connecting points of equal mean temperature [n -S]
ISTHMOID	DHIIMOST	isthmus (pertaining to isthmus (strip of land connecting two larger land masses)) [adj]

J 8s - Earth (geology, oceanography, meteorology)

JADELIKE	ADEEIJKL	resembling jade (green gemstone) [adj]
JAROSITE	AEIJORST	mineral [n -S]
JUNGLIER	EGIJLNRU	JUNGLE, resembling jungle (land covered with dense tropical vegetation) [adj]
JURASSIC	ACIJRSSU	of or pertaining to certain geologic time period [adj]

K 8s - Earth (geology, oceanography, meteorology)

KAMACITE	AACEIKMT	alloy of nickel and iron [n -S]
KAOLINIC	ACIIKLNO	KAOLIN, fine white clay [adj]
KHAMSEEN	AEEHKMNS	khamseem (hot, dry wind) [n -S]
KRYOLITE	EIKLORTY	cryolite (mineral) [n -S]
KRYOLITH	HIKLORTY	cryolite (mineral) [n -S]



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KYANITIC ACIIKNTY KYANITE, cyanite (mineral) [adj]

L 8s - Earth (geology, oceanography, meteorology)

LAKEBEDS ABDEEKLS LAKEBED, floor of lake [n]
LAKEFILL AEFIKLLL area of land built by filling lake [n -S]
LAKEHEAD AADEEHKL shore of lake farthest from outlet [n -S]
LAKELAND AADEKLLN area with many lakes [n -S]
LAKELIKE AEEIKKLL LAKE, sizable inland body of water [adj]
LAKESIDE ADEEIKLS land along edge of lake [n -S]
LAKEWARD AADEKLRW facing lake [adj]
LANDFAST AADFLNST attached to shore -- used of ice [adj]
LANDFORM ADFLMNOR natural feature of earth's surface [n -S]
LANDSLIP ADILLNPS fall of mass of earth [n S]
LANDWARD AADDLNRW toward land [adv]
LANDWASH AADHLNSW shore area between high-water mark and sea [n -ES]
LAPILLUS AILLPSU small fragment of lava [n -LLI]
LATERITE AEEILRTT type of soil [n -S]
LATERIZE AEEILRTZ to convert to laterite [v -D, -ZING, -S]
LAVALIKE AAEIKLLV resembling lava (molten rock that issues from volcano) [adj]
LAZULITE AEILLTUZ mineral [n -S]
LAZURITE AEILRTUZ mineral [n -S]
LEAFMOLD ADEFLLMO soil composed mostly of decayed leaves [n -S]
LEUCITIC CCEIILTU LEUCITE, mineral [adj]
LEVANTER AEELNRTV easterly Mediterranean wind [n -S]
LIBECCIO BCCEIILO southwest wind [n -S]
LIGNITIC CGIILNT LIGNITE, type of coal [adj]
LIMNETIC CEIILMNT pertaining to open water of lake or pond [adj]
LIMONITE EIILMNOT major ore of iron [n -S]
LITHOSOL HILLOOST type of soil [n -S]
LITTORAL AILLORTT coastal region [n -S]
LOAMIEST AEILMOST LOAMY, resembling loam (tyoe of soil) [adj]
LOAMLESS AELLMOSS having no loam [adj]
LOESSIAL AEILLOSS LOESS, soil deposit [adj]
LUMINARY AILMNRUY body that gives light [n -RIES]

M 8s - Earth (geology, oceanography, meteorology)

MAGMATIC AACGIMMT MAGMA, molten matter from which igneous rock is formed [adj]
MAGNOXES AEGMNOSX MAGNOX, magnesium-based alloy [n]
MAINLAND AADILMNN principal land mass [n -S]
MALMIEST AEILMMST MALMY, resembling malm (soft, friable limestone) [adj]
MAMMATUS AAMMMSTU type of cloud [n -TI]
MANGANIN AAGIMNNN alloy of copper, manganese, and nickel [n -S]
MARISHES AEHIMRSS MARISH, marsh (tract of low, wet land) [n]
MARSHIER AEHIMRRS MARSHY, resembling marsh (tract of low, wet land) [adj]
MAUSIEST AEIMSSTU MAUSY, mauzy (foggy, misty) [adj]
MAUZIEST AEIMSTUZ MAUZY, foggy, misty [adj]
MELANITE AEEILMNT black variety of garnet [n -S]
MELILITE EEIILLMT mineral group [n -S]
MESOZOIC CEIMOOSZ of or pertaining to certain geologic time period [adj]



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METEORIC	CEEIMORT	METEOR, small celestial body that enters earth's atmosphere [adj]
MICROBAR	ABCIMORR	unit of atmospheric pressure [n -S]
MILLIBAR	ABIILLMR	unit of atmospheric pressure [n -S]
MIMETITE	EEIIMMTT	ore of lead [n -S]
MIRINESS	EIIMNRSS	state of being miry (swampy (marshy (resembling marsh))) [n -ES]
MIZZLIER	EIILMRZZ	MIZZLY, characterized by fine rain [adj]
MIZZLING	GIILMNZZ	MIZZLE, to rain in fine droplets [v]
MONAZITE	AEIMNOTZ	mineral [n -S]
MONOLITH	HILMNOOT	large block of stone [n -S]
MOORIEST	EIMOORST	MOORY, marshy (resembling marsh (tract of low, wet land)) [adj]
MOORLAND	ADLMNOOR	tract of marshy land [n -S]
MORAINAL	AAILMNOR	MORAINE, accumulation of debris deposited by glacier [adj]
MORAINIC	ACIIMNOR	MORAINE, accumulation of debris deposited by glacier [adj]
MORASSES	AEMORSSS	MORASS, marsh (tract of low, wet land) [n]
MOUNTAIN	AIMNNOTU	large, natural elevation of earth's surface [n -S]
MUDSTONE	DEMNSTU	type of rock [n -S]
MUGGIEST	EGGIMSTU	MUGGY, warm and humid [adj]
MULLOCKY	CKLLMOUY	MULLOCK, waste earth or rock from mine [adj]
MYLONITE	EILMNOTY	type of rock [n -S]

N 8s - Earth (geology, oceanography, meteorology)

NEPHRITE	EEHINPRT	mineral [n -S]
NIMBUSED	BDEIMNSU	NIMBUS, luminous cloud [adj]
NIMBUSES	BEIMNSSU	NIMBUS, luminous cloud [n]
NONPOLAR	ALNNOOPR	not polar [adj]
NONTIDAL	ADILNNOT	not tidal [adj]
NUBILOSE	BEILNOSU	nubilous (cloudy (overcast with clouds)) [adj]
NUBILOUS	BILNOSUU	cloudy (overcast with clouds) [adj]

O 8s - Earth (geology, oceanography, meteorology)

OBSIDIAN	ABDIINOS	volcanic glass [n -S]
OFFSHORE	EFFHOORS	area of submerged land out from shore [n -S]
OLIVINIC	CIIILNOV	OLIVINE, mineral [adj]
OROGENIC	CEGINOOR	OROGENY, process of mountain formation [adj]
OVERCAST	ACEORSTV	to become cloudy or dark [v OVERCAST or -ED, -TING, -S]
OZONIZER	EINOORZZ	device for converting oxygen into ozone [n -S]

P 8s - Earth (geology, oceanography, meteorology)

PAHOEHOE	AEEHHOOP	smooth solidified lava [n -S]
PALEOSOL	AELLOOPS	layer of ancient soil [n -S]
PARKIEST	AEIKPRST	PARKY, chilly (cool (moderately cold)) [adj]
PARKLAND	AADKLNPR	grassland region with isolated or grouped trees [n -S]
PEARLITE	AEEILPRT	cast-iron alloy [n -S]
PEATLAND	AADELNPT	land consisting mostly of peat [n -S]
PEDALFER	ADEEFLPR	type of soil [n -S]
PERLITIC	CEIILPRT	PERLITE, volcanic glass [adj]
PETUNTSE	EENPSTTU	mineral [n -S]
PETUNTZE	EENPTTUZ	petuntse (mineral) [n -S]
PHYLLITE	EHILLPTY	foliated rock [n -S]
PICRITIC	CCIIIPRT	PICRITE, igneous rock [adj]



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH** (geology, oceanography, meteorology) go down on your board
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PIEDMONT	DEIMNOPT	area lying at foot of mountain [n -S]
PINELAND	ADEILNPP	land forested with pine [n -S]
PISOLITE	EIILOPST	limestone [n -S]
PISOLITH	HIILOPST	small rounded concretion of limestone [n -S]
PLANOSOL	ALLNOOPS	type of soil [n -S]
PLASHIER	AEHILPRS	PLASHY, marshy (resembling marsh (tract of low, wet land)) [adj]
PLIOCENE	CEEILNOP	of or pertaining to certain geologic time period [adj]
PLUMBAGO	ABGLMOPU	graphite (variety of carbon) [n -S]
PLUTONIC	CILNOPTU	PLUTON, formation of igneous rock [adj]
PLUVIOSE	EILOPSUV	pluvius (pertaining to rain) [adj]
PLUVIOUS	ILOPSUUV	pertaining to rain [adj]
POACHIER	ACEHIOPR	POACHY, swampy (marshy (resembling marsh (tract of low, wet land))) [adj]
PODSOLIC	CDILOOPS	PODSOL, podzol (infertile soil) [adj]
PODZOLIC	CDILOOPZ	PODZOL, infertile soil [adj]
POECHORE	CEEHOOPR	semiarid region [n -S]
PORPHYRY	HOPRRYY	igneous rock [n -RIES]
POTSTONE	ENOOPSTT	variety of steatite [n -S]
PRAEDIAL	AADEILPR	pertaining to land [adj]
PSAMMITE	AEIMMPST	fine-grained rock [n -S]
PSEPHITE	EEHIPST	rock composed of small pebbles [n -S]
PUMICING	CGIIMNPU	PUMICE, to polish with porous volcanic rock [v]
PUMICITE	CEIIMPTU	porous volcanic rock [n -S]
PYROXENE	EENOPRXY	any of group of minerals common in igneous rocks [n -S]

Q 8s - Earth (geology, oceanography, meteorology)

QUAGGIER	AEGGIQRU	QUAGGY, marshy (resembling marsh (tract of low, wet land)) [adj]
QUAGMIRE	AEGIMQRU	area of marshy ground [n -S]
QUAGMIRY	AGIMQRUY	marshy (resembling marsh (tract of low, wet land)) [adj -RIER, -RIEST]
QUARTZES	AEQRSTUZ	QUARTZ, mineral [n]

R 8s - Earth (geology, oceanography, meteorology)

RAINDROP	ADINOPRR	drop of rain [n -S]
RAINFALL	AAFILLNR	fall of rain [n -S]
RAINIEST	AEIINRST	RAINY, marked by rain [adj]
RAINLESS	AEILNRSS	having no rain [adj]
RAINWASH	AAHINRSW	to wash material downhill by rain [v -ED, -ING, -ES]
REEFIEST	EEEFIRST	REEFY, abounding in ridges of rock [adj]
REFUGIUM	EFGIMRUU	stable area during period of continental climactic change [n -IA]
REGOLITH	EGHILORT	layer of loose rock [n -S]
RENDZINA	ADEINNRZ	type of soil [n -S]
RETINITE	EEIINRTT	fossil resin [n -S]
RHYOLITE	EHILORTY	volcanic rock [n -S]
RIDGETOP	DEGIOPRT	crest of ridge [n -S]
RIDGIEST	DEGIIRST	RIDGY, having ridges [adj]
RIVERBED	BDEEIRRV	area covered or once covered by river [n -S]
RIVERINE	EEIINRRV	pertaining to river (large, natural stream of water) [adj]
ROCKLESS	CEKLORSS	having no rocks [adj]
ROCKLIKE	CEIKKLOR	resembling rock (large mass of stone) [adj]
ROCKWORK	CKKOORRW	natural mass of rocks [n -S]



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S 8s - Earth (geology, oceanography, meteorology)

SANDSPIT	ADINPSST	small point of land created by sand dunes [n -S]
SANIDINE	ADEIINNS	glassy variety of feldspar [n -S]
SAPONITE	AEINOPST	mineral found in veins and cavities of rocks [n -S]
SARDONYX	ADNORSXY	variety of quartz [n -ES]
SASTRUGA	AAGRSSTU	ridge of snow formed by wind in polar regions [n -GI]
SATURANT	AANRSTTU	substance used to saturate [n -S]
SAVANNAH	AAAHNNSV	savanna (flat, treeless grassland) [n -S]
SAXATILE	AAEILSTX	living or growing among rocks [adj]
SCABLAND	AABCDLNS	rocky land with little soil cover [n -S]
SCHLIERE	CEEHILRS	small streak in igneous rock [n -N]
SCIROCCO	CCCIOORS	sirocco (hot, dry wind) [n -S]
SEABOARD	AABDEORS	seacoast (land bordering on sea) [n -S]
SEACOAST	AACEOSST	land bordering on sea [n -S]
SEAMOUNT	AEMNOSTU	undersea mountain [n -S]
SEASHORE	AEEHORSS	land bordering on sea [n -S]
SEISMISM	EIIMMSSS	natural activity involved in earthquakes [n -S]
SELENITE	EEEILNST	variety of gypsum [n -S]
SEMIARID	ADEIIMRS	characterized by light rainfall [adj]
SEPTARIA	AAEIPRST	limestone nodules [n]
SHALIEST	AEHILSST	SHALY, resembling shale (fissile rock) [adj] / SHALEY [adj]
SHOTHOLE	EHHLOOST	hole drilled in rock to hold explosives [n -S]
SIDERITE	DEEIIRST	mineral [n -S]
SIEROZEM	EEIMORSZ	type of soil [n -S]
SILURIAN	AIILNRSU	of or pertaining to certain geologic time period [adj]
SINKHOLE	EHIKLNOS	natural depression in land surface [n -S]
SKERRIES	EEIKRRSS	SKERRY, small, rocky island [n]
SKYSCAPE	ACEKPSSY	view of sky [n -S]
SKYWARDS	ADKRSSWY	skyward (toward sky) [adv]
SLATCHES	ACEHLSST	SLATCH, calm between breaking waves [n]
SLEETIER	EEEILRST	SLEETY, resembling sleet [adj]
SLEETING	EEGILNST	SLEET, to shower sleet (frozen rain) [v]
SMALTINE	AEILMNST	smaltite (mineral) [n -S]
SMALTITE	AEILMSTT	mineral [n -S]
SMECTITE	CEEIMSTT	clayey mineral [n -S]
SMOGGIER	EGGIMORS	SMOGGY, filled with smog [adj]
SMOGLESS	EGLMOSSS	SMOG, atmospheric mixture of smoke and fog [adj]
SNOWBELT	BELNOSTW	region that receives appreciable amount of snow each year [n -S]
SNOWFALL	AFLLNOSW	fall of snow [n -S]
SNOWIEST	EINOSSTW	SNOWY, abounding in snow [adj]
SNOWLAND	ADLNNOSW	area marked by great amount of snow [n -S]
SNOWLESS	ELNOSSSW	having no snow [adj]
SNOWLIKE	EIKLNOSW	resembling snow [adj]
SNOWMELT	ELMNOSTW	water produced by melting of snow [n -S]
SNOWPACK	ACKNOPSW	accumulation of packed snow [n -S]
SODALITE	ADEILOST	mineral [n -S]
SOILLESS	EILLOSSS	carried on without soil (finely divided rock mixed with organic matter) [adj]



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH (geology, oceanography, meteorology)** go down on your board
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SOLANINE	AEILNNOS	poisonous alkaloid [n -S]
SOLONETS	ELNOOSST	solonetz (type of soil) [n -ES]
SOLONETZ	ELNOOSTZ	type of soil [n -ES]
SOLSTICE	CEILOSST	time of year when sun is at its greatest distance from celestial equator [n -S]
SOUPIEST	EIOPSSSTU	SOUPY, foggy (filled with fog) [adj]
SPALLING	AGILLNPS	chip of stone or ore [n -S]
SPARRIER	AEIPRRRS	SPARRY, resembling spar (lustrous mineral) [adj]
SPEISSES	EEIPSSSS	SPEISS, metallic mixture obtained in smelting certain ores [n]
SPINELLE	EEILLNPS	spinel (mineral) [n -S]
SPODOSOL	DLOOOPSS	acidic forest soil [n -S]
STEATITE	AEEISTTT	variety of talc [n -S]
STEELING	EEGILNST	STEEL, to cover with steel (tough iron alloy) [v]
STIBNITE	BEIINSTT	ore of antimony [n -S]
STILBITE	BEIILSTT	mineral [n -S]
STOPBANK	ABKNOPST	embankment along river [n -s]
STORMIER	EIMORRST	STORMY, storming [adj]
STORMILY	ILMORSTY	STORMY, storming [adv]
STORMING	GIMNORST	STORM, to blow violently [v]
STREAMED	ADEEMRST	STREAM, to flow in steady current [v]
SUBBASIN	ABBINSSU	section of area drained by river [n -S]
SUBHUMID	BDHIMSUU	somewhat humid [adj]
SUBOCEAN	ABCENOSU	existing below floor of ocean [adj]
SUBPOLAR	ABLOPRSU	situated just outside polar circles [adj]
SULTRIER	EILRRSTU	SULTRY, very hot and humid [adj]
SULTRILY	ILLRSTUY	SULTRY, very hot and humid [adv]
SUMMERED	DEEMRSU	SUMMER, to pass summer (warmest season of year) [v]
SUMMERLY	ELMMRSUY	summery (characteristic of summer) [adj]
SUNBAKED	ABDEKNSU	baked by sun [adj]
SUNLIGHT	GHILNSTU	light of sun [n -S]
SUNSHINE	EHINSSU	light of sun [n -S]
SUNSHINY	HINSSUY	SUNSHINE, light of sun [adj]
SUNSTONE	ENNOSSTU	variety of quartz [n -S]
SUPERNAL	AELNPRSU	pertaining to sky [adj]
SURFIEST	EFIRSSTU	SURFY, abounding in breaking waves [adj]
SURFLIKE	EFIKLSRU	resembling breaking waves [adj]
SURFSIDE	DEFIRSSU	situated near seashore [adj]
SWAMPIER	AEIMPRSW	SWAMPY, marshy (resembling marsh (tract of low, wet land)) [adj]
SWAMPING	AGIMNPSW	SWAMP, to inundate (to overwhelm with water) [v]
SWAMPISH	AHIMPSSW	swampy (marshy (resembling marsh (tract of low, wet land))) [adj]
SYENITIC	CEIINSTY	SYENITE, igneous rock [adj]
SYLVATIC	ACILSTVY	pertaining to forest [adj]
SYNCLINE	CEILNNSY	type of rock formation [n -S]

T 8s - Earth (geology, oceanography, meteorology)

TACONITE	ACEINOTT	low-grade iron ore [n -S]
TENORITE	EEINORTT	mineral [n -S]
TEPHRITE	EEHIPRTT	volcanic rock [n -S]
TERRASES	AEERSSST	TERRAS, trass (volcanic rock) [n]



Down to a Science - Earth

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THUNDERY	DEHNRTUY	accompanied with thunder [adj]
TIDELAND	ADDEILNT	land alternately covered and uncovered by tide [n -S]
TIDELESS	DEEILSST	lacking tide [adj]
TIDELIKE	DEEIIKLT	resembling tide [adj]
TIDELINE	DEEIIILNT	line on shore marking highest point of tide [n -S]
TIDEMARK	ADEIKMRT	mark showing highest or lowest point of tide [n -S]
TIGEREYE	EEEGIRTY	gemstone (precious stone) [n -S]
TINSTONE	EINNOSTT	tin ore [n -S]
TITANITE	AEIINTTT	mineral [n -S]
TOPAZINE	AEINOPTZ	TOPAZ, mineral [adj]
TORNADIC	ACDINORT	TORNADO, violent windstorm [adj]
TRACHYTE	ACEHRTTY	light-colored igneous rock [n -S]
TRAPPEAN	AAENPPRT	pertaining to traprock (igneous rock) [adj]
TRAPPOSE	AEOPPRST	trappean (pertaining to traprock (igneous rock)) [adj]
TRAPPOUS	AOPPRSTU	trappean (pertaining to traprock (igneous rock)) [adj]
TRAPROCK	ACKOPRRT	igneous rock [n -S]
TRIASSIC	ACIIRSST	of or pertaining to certain geologic time period [adj]
TRICHITE	CEHIIRTT	minute mineral body found in volcanic rocks [n -S]
TRIPLITE	EIILPRTT	mineral [n -S]
TROILITE	EIILORTT	mineral [n -S]
TSUNAMIC	ACIMNSTU	TSUNAMI, very large ocean wave [adj]
TYPHONIC	CHINOPTY	TYPHOON, tropical hurricane [adj]

U 8s - Earth (geology, oceanography, meteorology)

UDOMETER	DEEMORTU	rain gauge [n -S]
UDOMETRY	DEMORTUY	measurement of rain [n -RIES]
UINTAITE	AEIINTTU	variety of asphalt [n -S]
UMANGITE	AEGIMNTU	mineral consisting of copper selenide [n -S]
UNCLOUDY	CDLNOUUY	CLOUDY, overcast with clouds [adj]
UNDERSET	DEENRSTU	current below surface of ocean [n -S] / [v UNDERSET, -TTING, -S]
UNDERTOW	DENORTUW	seaward pull of receding waves breaking on shore [n -S]
UPDOMING	DGIMNOPU	upward deformation of rock mass into dome shape [n -S]
UPSTREAM	AEMPSTU	toward source of stream [adv]
URALITIC	ACIILRTU	URALITE, mineral [adj]
URANITIC	ACIINRTU	URANITE, mineral [adj]

V 8s - Earth (geology, oceanography, meteorology)

VALLEYED	ADEELLVY	VALLEY, depression of earth's surface [adj]
VAPORING	AGINOPRV	VAPOR, to emit vapor (visible floating moisture) [v]
VAPOURED	ADEOPRUV	VAPOUR, to vapor (to emit vapor (visible floating moisture)) [v]
VAPOURER	AEOPRRUV	vaporer (one that vapors (to emit vapor (visible floating moisture))) [n -S]
VERNALLY	AELLNRVY	VERNAL, pertaining to spring [adv]
VERTISOL	EILORSTV	type of clayey soil [n -S]
VESUVIAN	AEINSUVV	mineral [n -S]
VOLCANIC	ACCILNOV	rock produced by volcano [n -S]
VORTEXES	EEORSTVX	VORTEX, whirling mass of fluid [n]
VORTICAL	ACILORTV	VORTEX, whirling mass of fluid [adj]
VORTICES	CEIORSTV	VORTEX, whirling mass of fluid [n]
VULCANIC	ACCILNUV	pertaining to volcano (opening in earth's crust through which molten rock and gases are ejected) [adj]



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W 8s - Earth (geology, oceanography, meteorology)

WAVELESS	AEELSSVW	having no waves (moving ridges on surface of liquid) [adj]
WAVELIKE	AEEIKLVW	resembling wave [adj]
WAVINESS	AEINSSVW	state of being wavy (having waves) [n -ES]
WELLHEAD	ADEEHLW	source of spring or stream [n -S]
WELLSITE	EEILLSTW	mineral [n -S]
WESTERLY	EELRSTWY	wind from west [n -LIES]
WHIRLIES	EHIILRSW	WHIRLY, small tornado [n]
WHITEOUT	EHIOTTUW	arctic weather condition [n -S]
WILDLAND	ADDILLNW	uncultivated land [n -S]
WILDWOOD	DDILOOWW	natural forest land [n -S]
WILLIWAW	AIILLUWW	williwaw (violent gust of cold wind) [n -S]
WILLIWAW	AIILLWWW	violent gust of cold wind [n -S]
WILLYWAW	AILLWWWY	williwaw (violent gust of cold wind) [n -S]
WINDFLAW	ADFILNWW	gust of wind [n -S]
WINDLESS	DEILNSSW	being without wind [adj]
WINDLOAD	ADDILNOW	force exerted by wind on structure [n -S]
WINDPACK	ACDIKNPW	snow that has been compacted by wind [n -S]
WINDSLAB	ABDILNSW	crust formed on soft snow by wind [n -S]
WINDWARD	ADDINRWW	direction from which wind blows [n -S]
WINTERED	DEEINRTW	WINTER, to pass winter (coldest season of year) [v]
WINTERLY	EILNRTWY	wintry (characteristic of winter) [adj]
WINTRILY	IILNRTWY	WINTRY, characteristic of winter [adv]
WOODLAND	ADDLNOOW	land covered with trees [n -S]
WOODSIER	DEIOORSW	WOODSY, suggestive of forest [adj]
WURTZITE	EIRTTUWZ	mineral [n -S]

X 8s - Earth (geology, oceanography, meteorology)

XENOLITH	EHILNOTX	rock fragment included in another rock [n -S]
XENOTIME	EEIMNOTX	yellowish-brown mineral [n -S]

Y 8s - Earth (geology, oceanography, meteorology)

Z 8s - Earth (geology, oceanography, meteorology)

ZASTRUGA	AAGRSTUZ	sastruga (ridge of snow formed by wind in polar regions) [n -GI]
ZEOLITIC	CEILOTZ	ZEOLITE, mineral [adj]
ZIRCALOY	ACILORYZ	zirconium alloy [n -S]