



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 | AAILLLUV | 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] |



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|----------|----------|---|
| BAROGRAM | AABGMORR | barometric reading [n -S] |
| BASALTIC | AABCILST | BASALT, volcanic rock [adj] |
| BAUXITIC | ABCITUX | 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 | AACLPRS | calcite (mineral) [n -S] |
| CALCTUFA | AACCFLTU | mineral deposit [n -S] |
| CALCTUFF | ACFFLTU | 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 | CEHILLR | CHILLY, cool (moderately cold) [adj] |
| CHILLILY | CHIILLY | CHILLY, cool (moderately cold) [adv] |
| CHILLING | CGHIILLN | CHILL, to make cold (having little or no warmth) [v] |
| CHLORITE | CEHILORT | mineral group [n -S] |



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH (geology, oceanography, meteorology)** go down on your board
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| | | |
|----------|-----------|---|
| CHRESARD | ACDEHRRS | available water of soil [n -S] |
| CHROMING | CGHIMNOR | chromium ore [n -S] |
| 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 | ACCIIILMT | 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] |
| 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] |
| 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 | DEEINSSW | 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] |



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| | | |
|----------|----------|---|
| DIORITIC | CDIIIORT | DIORITE, igneous rock [adj] |
| 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)

| | | |
|----------|----------|--|
| 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] |
| EPIGENIC | CEEGIINP | pertaining to change in mineral character of rock [adj] |
| ERUPTIVE | EEIPRTUV | type of rock [n -S] |
| ESSONITE | EEINOSST | variety of garnet [n -S] |
| EUTECTIC | CCEEITTU | alloy that has lowest possible melting point [n -S] |
| EUXENITE | EEEINTUX | mineral [n -S] |

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] |
| FLOODING | DFGILNOO | FLOOD, to inundate (to overwhelm with water) [v] |
| FLUORITE | EFILORTU | mineral [n -S] |
| FLYSCHES | CEFHLSSY | 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] |



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| | | |
|----------|----------|---|
| 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] |
| GEMOLOGY | EGGLMOOY | science of gems [n -GIES] |
| GEMSTONE | EEGMNOST | precious stone [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] |
| 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] |
| GRANITIC | ACGIINRT | GRANITE, type of rock [adj] |
| GRAPHITE | AEGHIPRT | variety of carbon [n -S] |
| GULLYING | GGILLNUY | GULLY, to form ravines by action of water [v] |
| 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] |
| 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] |
| 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] |

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

| | | |
|----------|----------|-----------------------------------|
| ICESCAPE | ACCEEIPS | landscape covered with ice [n -S] |
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|----------|----------|--|
| 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 | EIILMNT | 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] |
| 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] |
| ISOCLINE | CEIILNOS | type of rock formation [n -S] |
| ISOTHERE | EEHIORST | type of isotherm (line on map connecting points of equal mean temperature) [n -S] |
| ISTHMOID | DHIIMOST | isthmic (pertaining to isthmus (strip of land connecting two larger land masses)) [adj] |

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

| | | |
|----------|----------|---|
| JAROSITE | AEIJORST | mineral [n -S] |
| JUNGLIER | EGIJLNRU | JUNGLY, 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] |
| KHAMSEEN | AEEHKMNS | khamsin (hot, dry wind) [n -S] |
| KRYOLITE | EIKLORTY | cryolite (mineral) [n -S] |
| KRYOLITH | HIKLORTY | cryolite (mineral) [n -S] |
| 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] |
| 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] |
| LIMNETIC | CEIILMNT | pertaining to open water of lake or pond [adj] |



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|----------|----------|---------------------------|
| LIMONITE | EIILMNOT | major ore of iron [n -S] |
| LITHOSOL | HILLOOST | type of soil [n -S] |
| LITTORAL | AILLORTT | coastal region [n -S] |
| LOESSIAL | AEILLOSS | LOESS, soil deposit [adj] |

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] |
| 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 | EIMMOORST | MOORY, marshy (resembling marsh (tract of low, wet land)) [adj] |
| MOORLAND | ADLMNOOR | tract of marshy land [n -S] |
| MORAINAL | AAILMNOR | MORAINES, accumulation of debris deposited by glacier [adj] |
| MORAINIC | ACIIMNOR | MORAINES, 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 | DEMNOSTU | type of rock [n -S] |
| MUGGIEST | EGGIMSTU | MUGGY, warm and humid [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] |
|----------|----------|-----------------------|



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH (geology, oceanography, meteorology)** go down on your board
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| | | |
|----------|----------|---|
| 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] |
| PIEDMONT | DEIMNOPT | area lying at foot of mountain [n -S] |
| PINELAND | ADEILNNP | 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 | pluvios (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 | HOPPRYY | 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] |



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH** (geology, oceanography, meteorology) go down on your board
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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 -GIA] |
| 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] |
| ROCKWORK | CKKOORRW | natural mass of rocks [n -S] |

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] |
| 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] |
| SIDERITE | DEEIIIRST | mineral [n -S] |
| SIEROZEM | EEIMORSZ | type of soil [n -S] |
| SILURIAN | AIIILNRSU | 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] |



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH** (geology, oceanography, meteorology) go down on your board
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| | | |
|----------|----------|---|
| 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] |
| 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 | EIOPSSTU | 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 | DEEMMRSU | 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 | EHINSSSU | light of sun [n -S] |
| SUNSHINY | HINSSSUY | SUNSHINE, light of sun [adj] |



Down to a Science - Earth

8-letter bingos on **SCIENCE - EARTH** (geology, oceanography, meteorology) go down on your board
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| | | |
|----------|----------|---|
| SUNSTONE | ENNOSSTU | variety of quartz [n -S] |
| SUPERNAL | AELNPRSU | pertaining to sky [adj] |
| SURFIEST | EFIRSSTU | SURFY, abounding in breaking waves [adj] |
| SURFLIKE | EFIKLRSU | 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 | CEILNSY | 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 | AEERRSST | TERRAS, trass (volcanic rock) [n] |
| 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 | DEEIIINT | 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 -S, -TTING] |
| UNDERTOW | DENORTUW | seaward pull of receding waves breaking on shore [n -S] |



Down to a Science - Earth

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| | | |
|----------|----------|--|
| UPDOMING | DGIMNOPU | upward deformation of rock mass into dome shape [n -S] |
| UPSTREAM | AEMPRSTU | 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] |

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] |



Down to a Science - Earth

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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] |