8th Grade Science EOG Vocabulary

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| **Molecular Biology** mitosis |  | lipid |  |
| meiosis  |  | **Microbiology**pathogen |  |
| cell (plasma) membrane |  | bacteria |  |
| unicellular |  | antibiotic |  |
| multicellular |  | virus |  |
| oxidation |  | vaccine |  |
| prokaryote |  | host |  |
| eukaryote |  | fungus |  |
| organelle |  | algae |  |
| photosynthesis |  | protist |  |
| cellular respiration |  | DNA |  |
| glucose |  | diabetes |  |
| protein |  | biotechnology |  |
| carbohydrate |  | epidemic |  |
| Individual susceptibility |  | pandemic |  |
| vector |  | extrusion |  |
| microbe |  | sedimentary rock |  |
| penicillin |  | eon |  |
| genetic modification |  | era |  |
| insulin |  | epoch |  |
| cloning |  | igneous rock |  |
| **Evolution and Genetics**Precambrian time |  | continental drift |  |
| Paleozoic Era |  | extinction |  |
| Mesozoic Era |  | lithosphere |  |
| Cenozoic Era |  | Relative age |  |
| Ice cores |  | Law of superposition |  |
| Radioactive dating |  | index fossil |  |
| Absolute dating |  | faults |  |
| intrusion |  | plate tectonics |  |
| unconformity |  | element |  |
| Geologic time scale |  | molecule |  |
| **Evolution and Genetics**evolution |  | compound |  |
| plate tectonics |  | mixture |  |
| variations |  | solution |  |
| homologous structures |  | heterogeneous mixture |  |
| analogous structures |  | homogeneous mixture |  |
| vestigial structures |  | Periodic table |  |
| embryology |  | period |  |
| embryo |  | group |  |
| phenotype |  | metal |  |
| genotype |  | nonmetal |  |
| taxonomy |  | metalloid |  |
| natural selection |  | reactivity |  |
| **Matter, Properties, & Change** atom |  | physical property |  |
| physical change |  | subscript |  |
| chemical property |  | **Energy**natural resources |  |
| chemical change |  | renewable resources |  |
| Law of conservation of mass(matter) |  | nonrenewable resources |  |
| melting point |  | conservation |  |
| boiling point |  | depletion |  |
| conductivity |  | recycle |  |
| density |  | fossil fuel |  |
| polarity (polar molecule) |  | photovoltaic cell |  |
| precipitate |  | biomass |  |
| specific heat |  | **Hydrology**hydrosphere |  |
| reactant |  | percolation |  |
| product |  | cohesion |  |
| coefficient |  | adhesion |  |
| universal solvent |  | wetlands |  |
| polarity |  | estuary |  |
| sublimation |  | surface water |  |
| capillary action |  | groundwater |  |
| surface tension |  | aquifer |  |
| specific heat |  | salinity |  |
| condensation |  | porosity |  |
| evaporation |  | impermeable |  |
| precipitation |  | tributary |  |
| transpiration |  | potable water  |  |
| run-off |  | safe water |  |
| river basin |  | dissolved oxygen(DO) |  |
| watershed |  | phosphates |  |
| saturated |  | macroinvertebrates |  |
| water table |  | eutrophication |  |
| EPA |  | photosynthesis |  |
| Clean Water Act |  | chemosynthesis |  |
| herbicides |  | buffer zone |  |
| pH |  | upwelling |  |
| stewardship |  | hydrothermal vent |  |
| turbidity |  | cold seep |  |
| bioindicators |  | **Ecology**biotic |  |
| point source |  | abiotic |  |
| non-point source |  | oxidizing |  |
| pesticides |  | biome |  |
| nitrates |  | populations |  |
| ecosystem |  | competition |  |
| reservoir |  | habitat |  |
| estuary |  | species |  |
| ocean current |  | niche |  |
| coexistence |  | Carbon Cycle |  |
| predator |  |  |  |
| prey |  |  |  |
| symbiotic/ symbiosis |  |  |  |
| commensalism |  |  |  |
| mutualism |  |  |  |
| parasitism |  |  |  |
| autotroph |  |  |  |
| heterotroph |  |  |  |
| producer |  |  |  |
| consumer |  |  |  |
| decomposer |  |  |  |
| food chain |  |  |  |
| food web |  |  |  |
| Nitrogen Cycle |  |  |  |

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