8th Grade Science EOG Vocabulary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | |  | |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |