**EOG Review** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the review sheets to help you describe the meaning of the terms.

**Chemistry Unit**

Matter

Element

Compound

Mixture

Pure Substance

Heterogeneous mixture

Homogeneous mixture

Chemical change

Physical Change

Coefficient

Subscript

Chemical Equation

Product

Reactant

Synthesis Reaction

Decomposition Reaction

Replacement Reaction

Law of Conservation of Mass

Balanced Equation

Atom

Proton

Neutron

Electron

Metal

Metalloid

Nonmetal

Alkali Metals

Alkaline Earth Metals

Transition metals

Noble Gases

Halogens

Physical Properties

Chemical Properties

Melting Point

Density

Solubility

Malleable

Ductile

Conductivity

**Microbes/ Microbiology**

Eukaryote

Prokaryote

Virus

Bacteria

Epidemic

Pandemic

Cell wall

Mitosis

Fungi

Photosynthesis

Respiration

Fermentation

Vector

Antibiotic

Biotechnology

Parasite

Binary Fission

Vaccine

Nucleus

Pathogen

Parasite

Infectious Disease

Antibiotic Resistance

Genetically Modified Organism

**Hydrosphere**

Hydrosphere

Polar Molecule

Cohesion

Adhesion

Surface Tension

Density

Specific Heat

Salinity

Water cycle

Surface water

River basins (watershed)

Tributary

Runoff

Ground water

Intertidal Zone

Neretic Zone

Abyssal Zone

Hydrothermal Vent

Solvent

Wells/ Groundwater

Reservoir

Minerals

Dissolved gases

Estuary

Upwelling

Water quality

Pesticide

Turbidity

pH

Nitrates

Bio- indicators

Dissolved Oxygen

Point Source

Nonpoint Source

Symbiosis

Competition

Mutuallism

Commensalism

Parasitism

Food Web

Trophic Level

**Earth History**

Relative dating

Absolute (Radioactive or carbon) dating

Index fossils

Sedimentary rock

Law of superposition

transitional Fossils

Ice cores

Law of superposition

Geologic time scale

Metamorphic rocks

Natural Selection

Genetic Diversity

Renewable Energy

Nonrenewable Energy

Fossil Fuels

**Major Concepts you should Know:**

How is the Periodic Table Organized? Families, Reactivity, Etc.

Law of Conservation of Mass

How to determine the Health of a body of Water?

How are Diseases spread and how to prevent them?

Epidemic vs. Pandemic

Nitrogen Cycle

Relative and Absolute Dating

Zones of the Ocean