Topics for midyear exam

 Material World

* Phase changes (solid, liquid, gas)
* Particle movement in regards to temperature
* How to measure mass and volume
* pH (Acid, neutral and basicity/alkalinity)
* Characteristic and non-characteristic properties
* Mixtures
* Homogeneous and heterogeneous mixtures
* Solutions (solute and solvent (water))
* Separation of mixtures (p.29-30)
* Differences between atoms (p.6-11), elements (p.16-23), molecules (p.12-15)
* Physical (p.26-28, p. 31-33) and chemical changes (p. 34-41)
* Conservation of matter (p. 43-47)

Living World

* Taxonomy
* Adaptations (plants and animals)
* Habitat
* Ecological Niche
* Animal diets
* Natural Selection/evolution
* Food chains and food webs
* Plant and animal cells
* Osmosis and diffusion (p. 61-67)
* Chromosomes and genes (p. 54-60)
* Photosynthesis and cell respiration (p. 68- 75)