**Mrs. Lawson’s Syllabi (2019-2020)**

1. **Biology**
   1. First Quarter
      1. Ecology
      2. Plants
      3. Bacteria, Fungi, Etc.
   2. Second Quarter
      1. Creation Vs Evolution
      2. Invertebrate
   3. Third Quarter
      1. Vertebrates
         1. Zoology
         2. Ichthyology
         3. Herpetology
         4. Ornithology
         5. Mammalogy
   4. Fourth Quarter
      1. The Cell
      2. Genetics
      3. Human Body
2. **Chemistry** 
   1. First Quarter
      1. Matter and Change
      2. Measurements and Calculations
      3. Atoms: The Building Blocks of Matter
      4. Arrangement of Electrons
   2. Second Quarter
      1. Periodic Law
      2. Chemical Bonding
      3. Chemical Formulas
   3. Third Quarter
      1. Chemical equations and reactions
      2. Stoichiometry
      3. States Matter
   4. Fourth Quarter
      1. Solutions
      2. Acids and bases
      3. Organic chemistry
3. **Anatomy and Physiology**
   1. First Quarter
      1. Human Body Orientation
      2. Cells and Tissue
      3. Skin and Body Membranes
      4. Skeletal System
   2. Second Quarter
      1. Muscular System
      2. Nervous System
      3. Endocrine System
   3. Third Quarter
      1. Blood
      2. Cardiovascular System
      3. Lymphatic System
      4. Respiratory System
      5. Special Senses
   4. Fourth Quarter
      1. Digestive System
      2. Urinary System
      3. Reproductive System
4. **Physics**
   1. First quarter
      1. Introduction to physics
      2. Gas, Liquid, and Solids
      3. Thermodynamics
   2. Second quarter
      1. Mechanics
         1. Intro to motion
         2. Vectors
         3. Forces of nature
         4. Circular motion
         5. Work and machines
         6. Energy and momentum
   3. Third quarter
      1. Waves
      2. Sound
      3. Light
         1. Reflection vs refraction
      4. Optics
   4. Fourth quarter
      1. Electrostatics
      2. Magnetism
      3. Motors
      4. Electric circuits
      5. \*\*modern physics (if we have time)