

Biology - Curriculum Overview

Quarter 1	<ul style="list-style-type: none">• Themes of Biology• The Scientific Method• Microscopy• Composition of Matter• Solutions• Biochemistry• Introduction to Animals
Quarter 2	<ul style="list-style-type: none">• Sponges, Cnidarians, and Ctenophores• Flatworms, Roundworms, and Rotifers• Mollusks and Annelids• Arthropods• Insects• Echinoderms and Invertebrate Chordates• Fishes• Amphibians• Reptiles• Birds• Mammals
Quarter 3	<ul style="list-style-type: none">• Structure and Function of Cells• Homeostasis• Diffusion• Osmosis• Photosynthesis• Cellular Respiration• Cell Reproduction• Genetics
Quarter 4	<ul style="list-style-type: none">• Origins / Creation• Natural Selection• Taxonomy• Population Ecology• Community Ecology• Microbiology (Bacteria and Viruses)• Plant Structure and Function• Human Biology