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**Life Science 11**

**Course Code: MLFSC11**

Life sciences 11 covers a wide range of biological topics ranging from the concept of a cell as the base unit of living things through the various levels of organization that lead to the unicellular and multicellular life we see today. We will examine the process of natural and artificial selection and how they lead to evolutionary change as well as how speciation has led to the diversity of living things on earth. We will spend time learning about viruses which exist on the boundary of living and non-living and look at the impacts of viral disease through the contexts of the eukaryotic immune system as well as a public health perspective. This course consists of a variety of classroom discussion, case studies, lab assignments, independent research, and in class presentations which all work to increase your understanding of living things and biological systems.