Scope and Sequence

Content Area: **Science**
Course(s): **Science**
Time Period: **Full Year**
Length: **Length of the Course**
Status: **Published**

Course Overview

The 8th grade science curriculum begins in chemistry, building upon the brief introduction that they left off with at the end of 7th grade. Students will begin with the smallest unit known as the atom; learning its makeup, interactions, how it relates to the Periodic Table of Elements, chemical reactions, law of conservation of mass, and more. The remainder of the year provides students with a basis in life science preparing them for high school biology, beginning with the smallest form of life we know, the cell, and branching out into genetics, heredity, natural selection, and reproduction. The 8th grade curriculum is aligned with the Next Generation Science Standards adopted by the state of New Jersey.

Scope and Sequence

Order of the Unit	Title of the Unit	Time Frame
Unit 1	Chemical Interactions	September to November/December
Unit 2	Cells	December to January
Unit 3	Growth, Development, and Reproduction of Organisms	February to April
Unit 4	Evolution and Natural Selection	April to June

Date of Board Approval

This curriculum was approved by the Green Brook Board of Education on August 22, 2016.