



Salomé Ureña Leadership Academy MS 322

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SCIENCE Grade 8 Curriculum

	Unit of Study	Passing Calendar
1	The Nature Of Science - Introduction to science, the scientific method Nature of science, scientific law and theory, tools and laboratory safety, and variables	September - October
2	Unit 1: Genetics And Heredity/ Reproduction (Interactive Science): - Sexual reproduction, asexual reproduction, mitosis, meiosis, Punnett Squares, DNA, genes, Plant and Animal Cells, traits, Homozygous, Heterozygous, Dominant, Recessive, Mutations, Evolution, Adaptations, Competition, Natural Selection, and Genetic Variation	October - December
3	Unit 2: Human Impact - Global Warming, Deforestation, Biodiversity, Fossils, Environment, Pollution	January - February
4	Unit 3: Force And Motion - Sir Isaac Newton, Newton's Laws of Motion, Motion Graphs, Friction, Mass, Acceleration, Gravity, and Forces	March - April
5	Astronomy - Earth, Moon, and Sun, Tides, Weather Maps	April - May
6	Test Prep/Exit Projects - Review of Units and Working on Exit Projects for Science	June