

COURSE CURRICULUM MAP

Course: 8th Grade Science 1st Semester

	1-3 Weeks	4 Week	5-9 Weeks	10-14 Weeks
Content/ Skills	<ul style="list-style-type: none"> • Lab Safety/ Equipment • Metrics • Chap. 1,2 	<ul style="list-style-type: none"> • Science Skills • Scientific Method • Graphing • Chap 3 	<ul style="list-style-type: none"> • Matter and its physical and chemical properties • Conservation of matter • Atomic structure of Atom • Chap 4,5 	<ul style="list-style-type: none"> • Motion of an object • Object subjected to force • Compare different types of motion • Chap 6,7
Skills	<ul style="list-style-type: none"> • Recognize and use proper laboratory safety procedures • Locate and identify safety equipment • Use appropriate System International prefixes • Use appropriate 	<ul style="list-style-type: none"> • Use appropriate System International prefixes • Use appropriate measurement tools • Collect organize and report data • Interpret data tables, line, bar trend and/or circle graphs 		<ul style="list-style-type: none"> • Define and give examples of force and inertia • Recognize and give examples of inertia in daily life • Will recognize examples of Newton's Laws of

	measurement tools	<ul style="list-style-type: none"> • Construct data tables and graphs • Conduct lab safely, following lab procedures, using the scientific procedures • Identify qualitative and /or quantitative changes given conditions(eg. Mass, temperature, volume, time, position, length) before, during and after an event 		<p>Motion</p> <ul style="list-style-type: none"> • Apply Newton's Laws of Motion to real life situations • Derive formulas for motion(speed, acceleration, velocity)
Labs Activitis	<ul style="list-style-type: none"> • Flowers in Sugar water • Volume Measuring and Weighing 	<ul style="list-style-type: none"> • Density of liquids • Egg Package design 	<ul style="list-style-type: none"> • Drawing Atoms with Compass • Chemical Changes • Conductivity 	<ul style="list-style-type: none"> • Skateboard on Ramp • Shoe on Sand Paper • Inertia Cars