

COURSE

Quarter	Content	Skills	Assessments	Eligible content
1	Matter. Atoms. Elements.	Phases, Kinetic/Molecular theory, Properties, Elements, Compounds, Homogenous and Heterogenous Mixtures. Subatomic particles, quarks, gluons, Atomic Number, Mass, Isotopes, radioisotopes. Periodic Table, Period, Family, Metal, Nonmetal, Halogens, Alkali.	Homework, notebook, tests, projects, class participation.	S7C122 S7C111 S7C113 S7C112 S7C113
2	CHEMICAL COMPOUNDS. CHEMICAL EQUATIONS.	Reactions, Ions, Cations, Anions, Acids, Bases, pH, Organic Chemistry, Fire Safety, Fire Classes, Fire Triangle. Parts, Types, Synthesis, Replacement, Decomposition, Balancing.	Homework, notebook, tests, projects, class participation.	S7C121 S7C113 S7C121
3	MOTION. FORCE.	Distance, Displacement, Speed, Velocity, Acceleration, Gravity, Satellites, Perpetual Motion, Inertia. Newton, Galileo, Forces in fluid, Flight, Pascal's Principle, Bernoulli's Principle.	Homework, notebook, tests, projects, class participation.	S7C311 S7C313

