# It's Not Rocket Science®

# Physical Science Curriculum

# Unit Sequence

SEMESTER ONE	SEMESTER TWO
Unit I: Scientific Method  Lab Basics: Safety and equipment  Measurement  Dimensional analysis and scientific notation  Scientific method  Unit 2: Motion and Force  Describing motion  Acceleration  Newton's laws  Unit 3: Energy  Nature of energy  Conservation of energy  Thermal energy  Work and power  Unit 4: Electricity and Magnetism  Charge  Current  Circuits  Magnets  Unit 5: Waves  Nature and properties of waves  Behaviors of waves	Unit 6: Matter  Classification of matter Properties of matter States of matter Solutions  Unit 7: Atomic Structure Structure of the atom Isotopes Periodic table of elements  Unit 8: Bonding Stability and bonding Naming ionic compounds Naming covalent compounds Naming covalent compounds Unit 9: Reactions Balancing reactions Classifying reactions Energy in reactions Acids and bases (if time) Nuclear chemistry (if time)

# **Grade 1physical Science Scope Final Examination Paper 2**

**Sabine Zange** 

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