

Kits/Models/Equipment Correlated Grades 1-12 Alberta Science Curriculum

Grade	Unit A	Unit B	Unit C	Unit D	Unit E
Grade 1	Creating Colour <ul style="list-style-type: none"> • Bubbles Kit • Kaleidoscope Kit • Light & Shadows Kit 	Seasonal Changes <ul style="list-style-type: none"> • Fall/Thanksgiving Kit • Winter/Christmas Kit • Spring/Easter Kit 	Building Things <ul style="list-style-type: none"> • Building Things: Primary Kit 	Senses <ul style="list-style-type: none"> • Senses Kit • Hearing & Sound Kit • Screaming Chickens Kit 	Needs of Plants and Animals <ul style="list-style-type: none"> • Plants Kit • Germination Model • Insects & Creepy Crawlies Kit • Bug Podz Kit • Digging for Dinosaurs Kit • Incubator Equipment
Grade 2	Exploring Liquids <ul style="list-style-type: none"> • Exploring Liquids Kit • Flubber Kit 	Buoyancy and Boats <ul style="list-style-type: none"> • Boats & Buoyancy Kit 	Magnetism <ul style="list-style-type: none"> • Magnetism Kit 	Hot and Cold Temperatures	Small Crawling and Flying Animals <ul style="list-style-type: none"> • Bug Podz Kit • Insects & Creepy Crawlies Kit
Grade 3	Rocks and Minerals <ul style="list-style-type: none"> • Rocks & Minerals Kit 	Building with a Variety of Materials <ul style="list-style-type: none"> • Building Things: Levers & Gears Kit includes Gears Wacky Factory Kit	Testing Materials and Designs <ul style="list-style-type: none"> • Building Things: Levers & Gears Kit includes Gears Wacky Factory Kit	Hearing and Sound <ul style="list-style-type: none"> • Hearing & Sounds Kit • Screaming Chickens Kit 	Animal Life Cycles <ul style="list-style-type: none"> • Incubator Equipment • Insects & Creepy Crawlies Kit
Grade 4	Waste and Our World <ul style="list-style-type: none"> • Conserving Our Environment Kit 	Wheels and Levers <ul style="list-style-type: none"> • Building Things: Levers & Gears Kit includes Gears Wacky Factory Kit <ul style="list-style-type: none"> • Simple Machines Kit 	Building Devices and Vehicles that Move <ul style="list-style-type: none"> • Building Things: Levers & Gears Kit includes Gears Wacky Factory Kit	Light and Shadows <ul style="list-style-type: none"> • Bubbles Kit • Kaleidoscope Kit • Light & Shadows Kit 	Plant Growth and Changes <ul style="list-style-type: none"> • Germination Model • Plants Kit
Grade 5	Electricity and Magnetism <ul style="list-style-type: none"> • Electricity Kit • Magnetism Kit 	Mechanisms Using Electricity <ul style="list-style-type: none"> • Electricity Kit • Van de Graaff Generator Equipment 	Classroom Chemistry <ul style="list-style-type: none"> • Classroom Chemistry Kit • Flubber Kit 	Weather Watch <ul style="list-style-type: none"> • Weather Kit 	Wetland Ecosystems <ul style="list-style-type: none"> • Wetlands Kit
Grade 6	Air and Aerodynamics <ul style="list-style-type: none"> • Air & Aerodynamics Kit 	Flight <ul style="list-style-type: none"> • Air & Aerodynamics Kit • Gyro Kit 	Sky Science <ul style="list-style-type: none"> • Geocaching Kit • Gyro Kit • Sky Science Kit • Telescope Equipment 	Evidence and Investigation <ul style="list-style-type: none"> • Evidence & Investigation Kit 	Trees and Forest <ul style="list-style-type: none"> • Trees & Forest Kit
Grade 7	Interactions and Ecosystems <ul style="list-style-type: none"> • Wetlands Kit 	Plants for Food and Fibre <ul style="list-style-type: none"> • Germination Model • Plants Kit 	Heat and Temperature <ul style="list-style-type: none"> • Flubber Kit 	Structure and Forces <ul style="list-style-type: none"> • Simple Machines Kit 	Planet Earth <ul style="list-style-type: none"> • Rocks & Minerals Kit • Digging for Dinosaurs Kit
Grade 8	Mix and Flow of Matter <ul style="list-style-type: none"> • Van de Graaff Generator Equipment 	Cells and Systems <ul style="list-style-type: none"> • Animal Cell Model • Bubbles Kit • DNA Model • Fetal Pigs Model • Human Torso Model • Incubator Equipment • Plant Cell Model 	Light and Optical Systems <ul style="list-style-type: none"> • Bubbles Kit • Light & Shadows Kit 	Mechanical Systems <ul style="list-style-type: none"> • Simple Machines Kit 	Freshwater and Saltwater Systems <ul style="list-style-type: none"> • Wetlands Kit
Grade 9	Biological Diversity <ul style="list-style-type: none"> • DNA Model • Incubator Equipment 	Matter and Chemical Change <ul style="list-style-type: none"> • Flubber Kit 	Environmental Chemistry	Electrical Principles and Technologies <ul style="list-style-type: none"> • Electricity Advanced 	Space Exploration <ul style="list-style-type: none"> • Geocaching Kit • Gyro Kit • Sky Science Kit • Telescope Equipment
Science 14	Investigating Properties of Matter <ul style="list-style-type: none"> • Van de Graaff Generator Equipment 	Understanding Energy Transfer Technologies <ul style="list-style-type: none"> • Conserving Our Environment • Power House Model • Solar Oven Kit • Van de Graaff Generator Equipment • Wind Power Kit 	Investigating Matter and Energy in Living Systems <ul style="list-style-type: none"> • Animal Cell Model • Bubbles Kit • Human Torso Model • Plant Cell Model 	Investigating Matter and Energy in the Environment <ul style="list-style-type: none"> • Conserving Our Environment Kit • Power House Model • Solar Oven Kit • Wind Power Kit 	

Science 24	Applications of Matter and Chemical Change • Flubber Kit	Understanding Common Energy Conversion Systems • Power House Model • Conserving Our Environment Kit • Solar Oven Kit • Wind Power Kit	Disease Defence and Human Health • Animal Cell Model • Bubbles Kit • Human Torso Model	Motion, Change and Transportation Safety • Gyro Kit	<p>Other:</p> <p>Seasonal:</p> <input type="checkbox"/> Autumn/Thanksgiving <input type="checkbox"/> Hallowe'en <input type="checkbox"/> Winter/Christmas <input type="checkbox"/> Spring/Easter <p>Activities:</p> <input type="checkbox"/> Bubbles <input type="checkbox"/> Screaming Chickens <input type="checkbox"/> Secret Message <input type="checkbox"/> Tied in Knots kit <p>Equipment:</p> <input type="checkbox"/> Telescope <input type="checkbox"/> Van de Graaff generator <input type="checkbox"/> Incubator <p>Check the Praxis Services website often for new and edit kits. Book your kit requests, guest speakers and field trip requests on-line.</p>
Science 10	Energy and Matter in Chemical Change • Flubber Kit	Energy Flow in Technological Systems • Power House Model • Solar Oven Kit • Wind Power Kit	Flow of Matter in Living Systems • Animal Cell Model • Bubbles Kit • Human Torso Model • Incubator Equipment • Plant Cell Model	Energy Flow in Global Systems • Conserving Our Environment Kit • Power House Model • Solar Oven Kit • Wind Power Kit	
Science 20	Chemical Changes • Flubber Kit	Changes in Motion • Gyro Kit	The Changing Earth	Changes in Living Systems • Gyro Kit	
Science 30	Living Systems Respond to their Environment • DNA Model • Gyro Kit	Chemistry and the Environment	Electromagnetic Energy	Energy and the Environment • Power House Model • Solar Oven Kit • Wind Power Kit	
Science 10-4	Investigating Properties of Matter • Flubber Kit	Understanding Energy Transfer Technologies • Conserving Our Environment Kit • Power House Model • Solar Oven Kit • Wind Power Kit	Investigation Matter & Energy in Living Systems • Animal Cell Model • Bubbles Kit • Human Torso Model • Plant Cell Model	Investigating Matter & Energy in Environmental Systems	
Science 20-4	Applications of Matter & Chemical Change • Flubber Kit	Understanding Common Energy Conversion Systems • Conserving Our Environment Kit • Power House Model • Solar Oven Kit • Wind Power Kit	Disease Defence and Human Health • Animal Cell Model • Bubbles Kit • Human Torso Model	Motion, Change & Transportation Safety • Gyro Kit	
Biology 20	Energy and Matter Exchange in the Biosphere • Bubbles Kit	Ecosystems & Population Change	Photosynthesis & Cellular Respiration • Animal Cell Model • Bubbles Kit • Plant Cell Model	Human Systems • Animal Cell Model • Human Torso Model • Fetal Pigs Model	
Biology 30	Nervous & Endocrine Systems • Gyro Kit • Human Torso Model	Reproduction and Development • Animal Cell Model • Human Torso Model • Incubator Equipment	Cells, Genetics & Molecular Biology • Animal Cell Model • Bubbles Kit • DNA Model • Plant Cell Model	Population and Community Dynamics	
Chemistry 20	Diversity of Matter & Chemical Bonding • Flubber Kit	Forms of Matter: Gases	Matter as Solutions, Acids, and Bases	Quantitative Relationships in Chemical Changes	
Chemistry 30	Thermochemical Changes • Flubber Kit	Electrochemical Changes	Chemical Changes of Organic Compounds	Chemical Equilibrium Focusing on Acids -Bases Systems	
Physics 20	Kinematics	Dynamics	Circular Motion, Work & Energy • Gyro Kit	Oscillatory Motion and Mechanical Waves	
Physics 30	Momentum & Impulse	Forces and Fields	Electromagnetic Radiation	Atomic Physics	