

Learn Alberta Science Curriculum

<http://www.learnalberta.ca/ProgramsOfStudy.aspx?lang=en&posLang=en&Core=Science>

Below are links to the Alberta Education web pages and the page numbers for each topic. You will find information on Specific Learner Expectations (SLEs) and individual curriculum topics for:

Elementary Science (gr 1-6) (1996)

Junior High Science (gr 7-9) (2003)

Science 10-20-30 (2005)

Biology 20-30 (2007)

Chemistry 20-30 (2007)

Physics 20-30 (2007)

Grade 1	A: Creating Colour B: Seasonal Changes C: Building Things D: Senses E: Needs of Plants & Animals	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Grade 2	A: Exploring Liquids B: Buoyancy & Boats C: Magnetism D: Hot & Cold Temperature E: Small Crawling & Flying Animals	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Grade 3	A: Rocks & Minerals B: Building with a Variety of Materials C: Testing Materials & Designs D: Hearing & Sound E: Animal Life Cycles	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Grade 4	A: Waste & Our World B: Wheels & Levers C: Building Devices & Vehicles that Move D: Light & Shadows E: Plant Growth & Changes	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Grade 5	A: Electricity & Magnetism B: Mechanisms Using Electricity C: Classroom Chemistry D: Weather Watch E: Wetland Ecosystems	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Grade 6	A: Air & Aerodynamics B: Flight C: Sky Science D: Evidence & Investigation E: Trees & Forests	Learn Alberta Elementary Science Use the links in the left sidebar to select the grade and topic
Junior High		
Grade 7	A: Interactions & Ecosystems B: Plants for Food & Fibre C: Heat & Temperature D: Structure & Forces E: Planet Earth	Learn Alberta Science 7-8-9 Use the links in the left sidebar to select the grade and topic
Grade 8	A: Mix & Flow of Matter B: Cells & Systems C: Light & Optical Systems D: Mechanical Systems E: Freshwater & Saltwater Systems	Learn Alberta Science 7-8-9 Use the links in the left sidebar to select the grade and topic
Grade 9	A: Biological Diversity B: Matter & Chemical Change C: Environmental Chemistry D: Electrical Principles & Technologies E: Space Exploration	Learn Alberta Science 7-8-9 Use the links in the left sidebar to select the grade and topic

Senior High		
Science 10	A: Energy & Matter in Chemical Change B: Energy Flow in Technological Systems C: Cycling of Matter in Living Systems D: Energy Flow in Global Systems	Learn Alberta Science 10 Use the links in the left sidebar to select the topic
Science 20	A: Chemical Changes B: Changes in Motion C: The Changing Earth D: Changes in Living Systems	Learn Alberta Science 20 Use the links in the left sidebar to select the topic
Science 30	A: Living Systems Respond to their Environment B: Chemistry & the Environment C: Electromagnetic Energy D: Energy & the Environment	Learn Alberta Science 30 Use the links in the left sidebar to select the topic
Biology 20	A: Energy and Matter Exchange in the Biosphere B: Ecosystems and Population Change C: Photosynthesis and Cellular Respiration D: Human Systems	Learn Alberta Biology 20 Use the links in the left sidebar to select the topic
Biology 30	A: Nervous and Endocrine Systems B: Reproduction & Development C: Cells Division, Genetics and Molecular Biology D: Population & Community Dynamics	Learn Alberta Biology 30 Use the links in the left sidebar to select the topic
Chemistry 20	A: The Diversity of Matter and Chemical Bonding B: Forms of Matter: Gases C: Matter as Solutions, Acids and Bases D: Quantitative Relationships in Chemical Changes	Learn Alberta Chemistry 20 Use the links in the left sidebar to select the topic
Chemistry 30	A: Thermochemical Changes B: Electrochemical Changes C: Chemical Changes of Organic Compounds D: Chemical Equilibrium Focusing on Acid-Base Systems	Learn Alberta Chemistry 30 Use the links in the left sidebar to select the topic
Physics 20	A: Kinematics B: Dynamics C: Circular Motion, Work and Energy D: Oscillatory Motion & Mechanical Waves	Learn Alberta Physics 20 Use the links in the left sidebar to select the topic
Physics 30	A: Momentum and Impulse B: Forces & Fields C: Electromagnetic Radiation D: Atomic Physics	Learn Alberta Physics 30 Use the links in the left sidebar to select the topic