

Science 6

Designed to help achieve the outcomes of Saskatchewan's Science 6 course in an individualized learning system, this resource includes ten workbook units, score keys, tests, and test keys. Corresponding experiments and activities are found in the final section of each workbook.

No additional text is required, but schools will need to be prepared with the necessary lab supplies for each workbook activity. **With the appropriate safeguards in place, these activities can be completed in a regular classroom setting.**

Workbook 1: Diversity of Living Things

- ❖ Living Things
 - Characteristics of Living Things
 - Dependence and Stewardship
- ❖ Methods of Classification
- ❖ Classifying Living Things
 - Scientific Classification
 - Tree Classification Systems

NOTE:

These workbooks were designed to be used in conjunction with the text, *Saskatchewan Science 6*, Pearson Education Canada, 2009, but they also work well on their own.

Workbook 2: Diversity of Living Things

- ❖ Classifying Animals: Invertebrates
- ❖ Classifying Animals: Vertebrates

Workbook 3: Diversity of Living Things

- ❖ Adaptations
 - Animal Adaptations
 - Plant Adaptations
 - Unusual Adaptations
 - Saskatchewan Ecozones
- ❖ The Key to Classifying
 - The Microscopic World
 - The Impact of Micro-organisms
 - Micro-organisms and the Spread of Disease

Workbook 4: Understanding Electricity

- ❖ The Shocking History of Electricity
 - An Electrical Discovery
 - Electrical Muscles
 - Building Batteries
 - Electricity in Saskatchewan
- ❖ Static Electricity
 - Attracting and Repelling
 - The Truth About Lightning and Static Electricity
 - Making Static Electricity Useful
 - Using Static
- ❖ Where Does Electricity Come From?
 - Renewable Energy
 - A Saskatchewan Story
 - Non-Renewable Energy

Workbook 5: Electricity on the Move

- ❖ Light Up the Class
 - Needs and Uses of Electricity
 - Conductors and Insulators
- ❖ Key Features of Electrical Circuits
 - What's in a Circuit
 - Putting it all Together
- ❖ Different Needs; Different Circuits
 - Making Connections
 - Fixing Electrical Problems
 - Problem Solver
 - Careers in Electricity

Workbook 6: Electricity and Magnets

- ❖ Electricity and Magnets
 - Electromagnets at Work
- ❖ Using Electricity Safely
 - Electrical Safety
 - Talking Around the World
 - Conserving Electricity

Workbook 7: Principles of Flight

- ❖ Freedom to Fly
 - Four Forces in Flight
 - Shaped for Action
 - Ancient Technologies
 - Fascination with Flight
- ❖ Flying Canadians
 - Air in Motion

Workbook 8: Principles of Flight II

- ❖ UP Lifting Theories
 - Takeoff
 - Moving Faster, Slower, Up, and Down
 - The Four Forces of Flight
 - Check Out Thrust and Engines
 - Payload Liftoff
 - Flight Just Above the Ground

Workbook 9: Our Solar System

- ❖ Our Solar System
 - Sun Science
 - Patterns of Light and Darkness
 - And the Seasons Go Round and Round
 - Worldviews of the Seasons
 - The Moon's Changing Face
 - Earth's Companion

Workbook 10: Our Solar System II

- ❖ Shadows in Space
 - The Inner Planets of Our Solar System
 - The Outer Planets of Our Solar System
- ❖ More Than Just Planets
 - Comets, Meteoroids, and Asteroids
 - Sky Pictures (Constellations)
 - What's Happening in Space?