

Chemistry

Alberta 20–30

Features	STUDENT COMPONENTS				TEACHER COMPONENTS								RELATED SUPPORT
	Student Book	Student CD	Student Web Centre	Teacher Web Centre	Teacher's Resource	Teacher's Resource CD	Online Teacher's Resource	Lab and Study Masters (LSMs)	Computerized Assessment Bank	Presentation Templates and Text Illustration CD	Solutions Manual	Thomson Gale Science Resource Center	
Student Support													
Prerequisite concepts and skills reference material	•	•	•	•									
Unit pre-tests			•	•									
Web activities (Web Quests, Simulations, Canadian Achievers, Case Studies)	•	•	•	•									
Animations and Simulations			•	•			•						
Lab Simulations:			•	•			•						
Online Science Database			•	•								•	
Study-tips and test-taking skills guide		•							•				
Diploma Exam Support	•	•	•	•				•	•		•		
Interactive self-quizzes			•	•				•					
Chapter Review	•	•	•	•									
Unit Review	•	•	•	•									
Digital reference copy of student text		•				•	•						
Illustrated Glossary		•	•			•	•						
Audio Clips - Sample Problems, pronunciation of Key Terms, Extensions		•	•	•		•	•						
Audio Segments - CBC Radio One Quirks and Quarks			•	•			•						
Links to vetted Web sites for research purposes			•	•			•						
Molecular Models			•	•			•						
Videos (including NOVA)			•	•			•						
Biology Connections	•	•	•	•									
Investigations	•	•	•	•									
Lab Exercises	•	•	•	•									
Case Studies	•	•	•	•								•	
Explore an Issue	•	•	•	•		•						•	
Career Connections	•	•	•	•									
International Baccalaureate material for students			•	•				•				•	
Extensions	•	•	•	•									
STS and Skills Assessment Tools				•									
Periodic Table of the Elements	•	•			•	•	•			•		•	
Appendices (Numerical Answers, Scientific Problem Solving, Technological Problem Solving, STS Problem Solving, Safety Knowledge and Skills, Communication Skills, Review of Chem 20, Preparing for Chem 30)	•	•				•	•						
Safety skills	•	•	•										
Teacher Support													
Unit pre-tests			•	•									
Background Information					•	•	•						
Online Science Database												•	
PowerPoint Presentation Templates										•			
Smartboard Presentation Templates										•			
Student book illustrations for multimedia presentations, BLM's or transparencies										•			
2,000 modifiable questions correlated to the program of studies with answer key in ExamView format (PC/ Mac)								•					
Fully worked out solutions						•	•				•		
Digital copy of the print Teacher Resource						•	•						
Digital reference copy of student text		•				•	•						
Sample unit pathway planner, curriculum and assessment planning guidelines					•	•	•						
Curriculum correlations				•	•	•	•						
Equipment and material lists				•	•	•	•						
Lab and Study Masters (LSMs) - modifiable						•	•	•					
Rubrics and assessment tools - modifiable					•	•	•						
International Baccalaureate material for teachers				•			•					•	