This textbook will be your guide to the exciting world of science. The following pages introduce the important features you will find inside. GET READY includes all of the features at the beginning of each unit and chapter. GET INTO IT shows you all the features within each chapter. Finally, WRAP IT UP shows you the features at the end of each chapter and unit.

**Get Ready**

**Unit Opener**
Each unit has a letter and a title. The photo will help you predict what you might learn in the unit.

**Unit Preview**
The Unit Preview describes what you will learn about in the unit.

**Big Ideas**
The Big Ideas are the concepts you need to remember after you complete the unit.

**Unit Task Preview**
Find out about the Unit Task that you will complete at the end of each unit.

**Unit Task Assessment**
The Assessment Box tells you how you will demonstrate what you have learned by the end of the unit.

**Unit Task Bookmark**
When you see the Unit Task Bookmark, think about how the section relates to the Unit Task.

**Concept Map**
The Concept Map is a description of the topics, connected to picture clues, to help you predict what you will be learning in the unit.

**Getting Started**
This section gives a quick review of concepts and skills you developed in previous grades. Use the questions to see what you might already know before you start the unit.

**Focus on STSE**
These articles bring the topics you will be learning about into the real world.
Get Into It

Vocabulary
You will learn many new terms as you work through the chapter. These key terms are highlighted and in bold print. Their definitions are in the margins, as well as the Glossary at the back of the book.

Learning Tip
Learning Tips are useful strategies to help you learn new ideas and make sense of what you are reading.

Sample Problems
This feature shows you how to solve problems that appear in the chapter. Be sure to complete the Practice Problems to test your understanding.

Check Your Learning
Complete these questions at the end of each content section to make sure you understand the concepts you have just learned.

Try This
These are quick, fun activities designed to help you understand concepts and improve your science skills.

Wrap Up
At the end of each content section, this quick summary of the main ideas will help you review what you learned.

Citizen Action
These activities encourage you to be a good citizen and a steward of the environment by taking action at home and in your community.

Career Link
The Career icon lets you know that you can learn about science-related careers by visiting the Nelson Science website.
Research This
These research-based activities will help you relate science and technology to the world around you and improve your critical thinking and decision-making skills.

Did You Know?
Read interesting facts about real-world events that relate to the topics you are learning.

Focus on Math
These sections focus on mathematical skills you will need to better understand the concepts in the chapter.

Magazine Features
Look for these special features to learn more about exciting developments in science, cool new technology, career links, or how science relates to your everyday life.

OSSLT Icon
This icon lets you know that the material will help you develop literacy skills in preparation for the OSSLT.
Perform an Activity
These hands-on activities allow you to observe the science that you are learning.

Unit Task
Bookmark
This icon lets you know that the concepts you learned in the section will help you to complete the Unit Task.

Web Link
When you see this icon, you can visit the Nelson Science website to learn more about the topic, watch a video, do an online activity, or take a quiz.

Skills Handbook Icon
This icon shows you which part of the Skills Handbook has useful information for the activity.

Safety Warnings
Look for these warnings about possible dangers in investigations and activities. They are in bright red and have a safety icon.

Conduct an Investigation
These experimental investigations help you to develop science process skills.

Equipment and Materials
These photos help you to identify all the items you will need to complete the activity or investigation.
Wrap It Up

Key Concepts Summary
The Key Concepts Summary feature outlines the main ideas you learned in the chapter.

Chapter Self-Quiz
The Chapter Self-Quiz is a helpful tool for you to make sure you understand all the concepts you learned in the chapter.

Achievement Chart Icons
All questions are tagged with these icons. They identify the types of knowledge and skills you must use to answer the question.

Chapter Review
Complete these questions to check your learning and apply your new knowledge from the chapter.

What Do You Think Now?
Think about what you learned in the chapter and consider whether you have changed your opinion by agreeing or disagreeing with the statements.

Big Ideas
Here you can review the Big Ideas of the unit.

Vocabulary
Here you will find a list of all the new terms that were introduced in the chapter and the page number where the term is defined.

Online Quiz Icon
There is an interactive online quiz for each chapter on the Nelson Science website.
### Master Concept Map
This feature brings together the Key Concepts from each chapter and summarizes all the main ideas in the unit.

### Make a Summary
Summarize what you have learned in the unit by completing the Make a Summary activity.

### Career Links
Make connections between what you learned in the unit and future careers by completing the Careers Links activity.

### Unit Task
Demonstrate the skills and knowledge you developed in the unit by completing the challenge described in the Unit Task.

### Skills Menu
The Skills Menu identifies the skills you will use to complete the Unit Task.

### Assessment Checklist
This checklist lists the criteria that your teacher will use to evaluate your work on the Unit Task. Read this list carefully before completing the task.

### Unit Self-Quiz
The Unit Self-Quiz is an opportunity for you to make sure that you understand all the main ideas from the unit.
Unit Review
Complete the Unit Review questions to check your learning of all the concepts and skills in the unit.

Skills Handbook
The Skills Handbook is your resource for useful science skills and information. It is divided into numbered sections. Whenever you see a Skills Handbook icon, it will direct you to the relevant section of the Skills Handbook.

Glossary
This is a list of all the key terms in the textbook in alphabetical order, along with their definitions. Use the Glossary to check your understanding of any key terms you may need to review.