

## Table of Contents

### Introduction

What is *Supporting STAAR™ Achievement in Science: Grade 8?* \_\_\_\_\_ ix

**Lesson 1: Element Identities** \_\_\_\_\_ 1

**Lesson 2: Figuring Out Formulas** \_\_\_\_\_ 17

**Lesson 3: Reacting Chemically** \_\_\_\_\_ 35

**Lesson 4: A Change Is Going to Come** \_\_\_\_\_ 53

**Lesson 5: Moving Right Along** \_\_\_\_\_ 67

**Lesson 6: It's Just a Phase** \_\_\_\_\_ 89

**Lesson 7: Trekking through the Universe** \_\_\_\_\_ 107

**Lesson 8: Land over Time** \_\_\_\_\_ 119

**Lesson 9: Dependence and Competition** \_\_\_\_\_ 135

**Lesson 10: Who's a Survivor?** \_\_\_\_\_ 149

**References** \_\_\_\_\_ 169