

## Table of Contents

### Introduction

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

**Lesson 1: Cell Transport** \_\_\_\_\_ 1

**Lesson 2: Cellular Energy Conversions** \_\_\_\_\_ 17

**Lesson 3: DNA** \_\_\_\_\_ 33

**Lesson 4: Predicting Genetic Outcomes** \_\_\_\_\_ 47

**Lesson 5: Evolution—Molecular and Biogeographical Evidence** \_\_\_\_\_ 59

**Lesson 6: Natural Selection** \_\_\_\_\_ 73

**Lesson 7: Interactions of Animal Systems** \_\_\_\_\_ 87

**Lesson 8: The Flow of Matter and Energy** \_\_\_\_\_ 99

**Lesson 9: Biological Relationships** \_\_\_\_\_ 113

**References** \_\_\_\_\_ 129