



Student Review Modules for STAAR Success







Available for:

Social Studies

- 8th Grade
- US High School

Science

- 5th Grade
- 8th Grade
- Biology

Math

- 8th Grade
- Algebra I

RLA/ELA

- 8th Grade
- English I & II

Overview:

Provide learner-centered review to increase comprehension and improve retention with aligned modules for student use! Differentiate student reviews with a variety of modules to emphasize highly tested content and concepts and to target problematic standards. Student modules can be done in a remote, hybrid or traditional classroom setting. Students work at their own pace, completing tasks that allow teachers to diagnose gaps in knowledge!

Modules:

- Asynchronous student videos
- ☑ Embedded student activities
- Multiple modules per content
- Site license

Features:

- Tackle and address problematic standards
- Provide engaging, student-centered aligned review
- Addresses gaps in knowledge and skills











Student Review Modules for STAAR Success 5th Grade Science

Matter & Energy

- Classifying Matter 5.5A, 3.5C
- Mixtures & Solutions 5.5BC

Force, Motion & Energy

- Uses of Energy 5.6A
- Flow of Electricity, Circuits 5.6B
- Behavior of Light 5.6C
- Force, Push & Pull 3.6B

Earth & Space

- Sedimentary Rock Formation 5.7A
- Changing Earth Landforms 5.7B 3.7B
- Weather v. Climate 5.8A, 4.8A
- Water Cycle 5.8B, 4.8B
- Day/Night Cycle & Patterns 5.8C, 4.8C
- Sun, Earth & Moon 5.8D, 3.8D
- Properties of Soil 4.7A
- Earth's Resources 4.7C

Organisms & Environments

- Organism Interactions 5.9AC, 3.9A
- Food Webs 5.9BC
- Evidence of the Past 5.9D
- Traits & Behaviors 5.10AB
- Life Cycles 3.10B

- Reteach
- Review/Apply
- STAAR Practice/Strategies











Student Review Modules for STAAR Success 8th Grade Science

Properties of Atoms

- Atomic Structure
- Valance Electrons

Properties of Atoms

• The periodic table

Chemical Formulas, Equations & Reactions

- Chemical Formulas
- Physical & Chemical changes
- Chemical Reactions

Force, Motion & Energy

- Calculating Unbalanced Forces
- Speed, Velocity & Acceleration

Force, Motion & Energy

Newton's laws

Sun, Earth & Moon

- Seasons
- Day & Night

Sun, Earth & Moon

Ocean Tides

Sun, Earth & Moon

Lunar Cycle

Characteristics of the Universe

- Components of the Universe
- Hertzsprung-Russell Diagram

Impact of Natural Events

- Plate Tectonics
- Topographic Maps

Climatic Interactions

- Weather Maps
- Hurricanes & Tornados

Interdependence of Living Things

- Interdependence
- Competition for Biotic & Abiotic

Interdependence of Living Things

Flow of Energy

Interdependence of Living Things- Structure & Function

- Cell Theory
- Plant & Animal Cells & Organelles

Interdependence of Living Things- Structure & Function

Human Systems

- Reteach
- Review/Apply
- STAAR Practice/Strategies













Student Review Modules for STAAR Success Biology

Cell Structure & Function

Homeostasis & Transport

Cell Structure and Function

- Prokaryote v. Eukaryote
- Cell Organelles

Cell Structure and Function

Viruses and Viral Reproduction

Mechanisms of Genetics

- DNA & DNA Replication
- Mutations

Mechanisms of Genetics

Cell Cycle

Mechanisms of Genetics

Protein Synthesis

Mechanisms of Genetics

- Mendel & Basic Genetics
- Genetic Problems

Biological Evolution & Classification

- Natural Selection
- Evidences of Natural Selection

Biological Evolution & Classification

Classification

Biological Process & Systems

Biomolecules & Enzymes

Biological Process & Systems

- Homeostasis & Human Responses
- Plant Responses

Interdependence within Environmental Systems

- Food Chains & Food Webs
- Trophic Levels

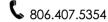
Interdependence within Environmental Systems

- Succession
- Symbiosis

- Reteach
- Review/Apply
- STAAR Practice/Strategies











Student Review Modules for STAAR Success 8th Grade Social Studies

Colonization

- Exploration & Colonization
- Colonies
- Growth of Representative Government

Revolution

- Causes of Revolution
- Significant Individuals
- Events, Battles & Treaties

Creation/Ratification of Constitution

- Constitutional Convention
- Federalists v. Anti-Federalists
- Constitutional Principles & Bill of Rights
- Government

Early Republic

- Landmark Court Cases
- War of 1812
- Washington-Monroe 1st Five

Age of Jackson

Age of Jackson

Westward Expansion

- Political, Economic & Social Development
- Manifest Destiny
- Mexican American War

Reform Movements

- Significant Individuals
- Industrialization & Urbanization

Sectionalism

Sectionalism

Civil War

- Significant Individuals
- Events
- Lincoln & his ideas

Reconstruction

- Political, Economic & Social Impact
- Reconstruction Amendments

Significant Dates

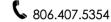
Culture

- Reteach
- Review/Apply
- STAAR Practice/Strategies













Student Review Modules for STAAR Success US High School

U.S. Growth & Change (1877-1898)

- Gilded Age
- Westward Expansion

Emergence of U. S. as World Power (1898-1920)

- Significant Events, Individuals & Policies
- U. S. Expansion
- WWI Causes & U. S. Involvement
- Issues Raised By WWI

Early 20th Century

- Reform & 3rd Party Movements
- Progressive Era Reforms
- Muckrakers & Reform Leaders

1920s and 1930s

- 1920s Events, Issues & Significant Individuals
- Great Depression & New Deal

WWII

- Reasons for U.S. Involvement
- Significant Individuals
- Major Issues (Holocaust, Japanese Internment & Atomic Weapons)
- Major Military Events
- Homefront

Cold War

- Responses to Soviet Aggression
- Cold War Escalation
- Korean War & Containment
- Vietnam

American Civil Rights

- History & Identifying Obstacles
- Groups & Significant Individuals
- Presidential Actions
- Landmark Court Cases

1970s-1990s

- Nixon & Reagan
- U.S. Middle East Relations
- Conservative Resurgence & Societal Issues

1990-21st century

- World Affairs
- Social Issue

Geography

Culture

Turning Points in History

- Reteach
- Review/Apply
- STAAR Practice/Strategies













Student Review Modules for STAAR Success 8th Grade Math

Proportional and Non-Proportional Reasoning

- Slope
- Proportional Reasoning
- Non-Proportional Reasoning
- Proportional and Non-Proportional Recognition
- Function Identification
- Writing Linear Equations

Geometry and Measurement

- Dilations
- Transformation
- Triangles and Transversals

Geometry and Measurement – 3 Dimensional

- Surface Area
- Volume

Real Number Relationships

• Ordering Real Numbers

Equations & Inequalities

Geometry and Measurement

Pythagorean Theorem

Data Analysis

• Trend Lines

Personal Financial Literacy

Simple & Compound Interest

- Reteach
- Review/Apply
- STAAR Practice/Strategies











Student Review Modules for STAAR Success Algebra I

- Solve Linear Equations & Inequalities in One Variable
- Calculate Slope and Rate of Change
- Graph Linear Functions
 - Identify Key Features
 - Determine Domain and Range of Linear Functions
- Transformation Linear Transformations
- Write Equations of Lines from Graphs & Tables
- Write Equations of Lines from Verbal Representations
- Write & Solve Equations Involving Direct Variations
- Write Linear Equations Given Point & Perpendicular/Parallel to a Given Line
 - Write the Equation of the Line Parallel or Perpendicular to x or y-axis
- Write Two-Variable Linear Inequalities
- Graph Linear Inequalities & Systems of Linear Inequalities
- Write Systems of Linear Equations
- Solve Systems of Linear Equations
- Write Linear Functions from Data
- Compare & Contrast Association & Causation
- Write Quadratic Functions

- Graph Quadratic Functions
 - Identify Key Attributes
 - Determine Domain & Range
 - Describe the Relationship Between Linear Factors & Zeros
- Transform Quadratic Functions
- Solve Quadratic Equations Using Graphs & Tables
- Solve Quadratic Equations Using Algebraic Methods
- Write Exponential Functions
 - Interpret the Meaning of Values of A & B
- Graph Exponential Functions & Identify Key Features
 - Determine Domain & Range of Exponential Functions
- Model with Quadratic & Exponential Functions
- Add, Subtract & Multiply polynomials
- Divide Polynomials
- Factor Polynomials
- Simplify Radical Expressions
- Simplify Expressions Using Laws of Exponents
- Determine Functions from Multiple Representations
- Evaluate Functions
- Solve Literal Equations













Student Review Modules for STAAR Success English I

Module 1: Introducing and Considering the Skills

Module 2: Summarizing

Module 3: Making Inferences

Module 4: Using Text Evidence

Module 5: Analyzing the Use of Language

Module 6: Analyzing Informational Text

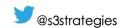
Module 7: Analyzing Author's Purpose, Message, and Audience

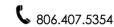
Module 8: Synthesizing Information

- Reteach
- Review/Apply
- STAAR
 Practice/Strategies













Student Review Modules for STAAR Success English II

Module 1: Introducing and Considering the Skills

Module 2: Summarizing

Module 3: Making Inferences

Module 4: Using Text Evidence

Module 5: Analyzing the Use of Language

Module 6: Analyzing Informational Text

Module 7: Analyzing Author's Purpose, Message, and Audience

Module 8: Synthesizing Information

- Reteach
- Review/Apply
- STAARPractice/Strategies











Student Process Skills Modules for STAAR Success







Available for: Social Studies & Science

Overview:

Skills! Skills! Skills! For many of our students, the skills necessary for success in the classroom are problematic. Provide students with targeted asynchronous learning modules that introduce and review process skills. Each module includes a student video and learner-centered activities to review and practice the processing skills called out in the TEKS - necessary for success at all grade levels. Students work individually or in small groups at their own pace, completing tasks that allow teachers to diagnose gaps in mastery of critical skills. Student modules can be done in a remote, hybrid or traditional classroom setting.

Modules:

- Asynchronous student videos
- ✓ Multiple modules per content
- Site license

Features:

- Address gaps in process skills
- Tackle and address problematic standards
- Provide engaging, student-centered aligned review
- Target instruction for multiple grade levels
- Spiral content and vary levels of complexity
- Assist in achieving satisfactory performance in the applicable content and grade level







Student Process Skills Modules for STAAR Success 8th Grade Social Studies and US High School Recovery and Acceleration

Module 1: Introducing and Considering the Skills

• Introducing the Tools of Trade

Module 2: What Does it Mean to Analyze?

Identifying and understanding the Tools, Tips, and Techniques

Module 3: Bias and Point of View

Module 4: Drawing Inferences, Making Predictions & Drawing Conclusions

Module 5: Identifying Main Idea

Module 6: Summarizing

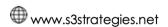
Module 7: Sequencing and Cause and Effect Relationships

Module 8: Compare and Contrast

Module 9: Categorization and Making Generalizations

Module 10: Reviewing and Applying the Skills

- Review/Reteach
- Practice the Skill
- Apply/Test Questions
- Tips/Techniques/Reminders











Student Process Skills Modules for STAAR Success 8th Grade Science and Biology Recovery and Acceleration

Module 1: Measuring in Science

- Accuracy & Precision
- Use of Tools

Module 2: Nature of Science

- Determining Variables
- Forming Testable Hypotheses
- Making Observations

Module 3: Nature of Science

Graphing

Module 4: Nature of Science

Data Analysis

Module 5: Nature of Science

• Using Models

- Review/Reteach
- Practice the Skill
- Tips/Techniques/Reminders





