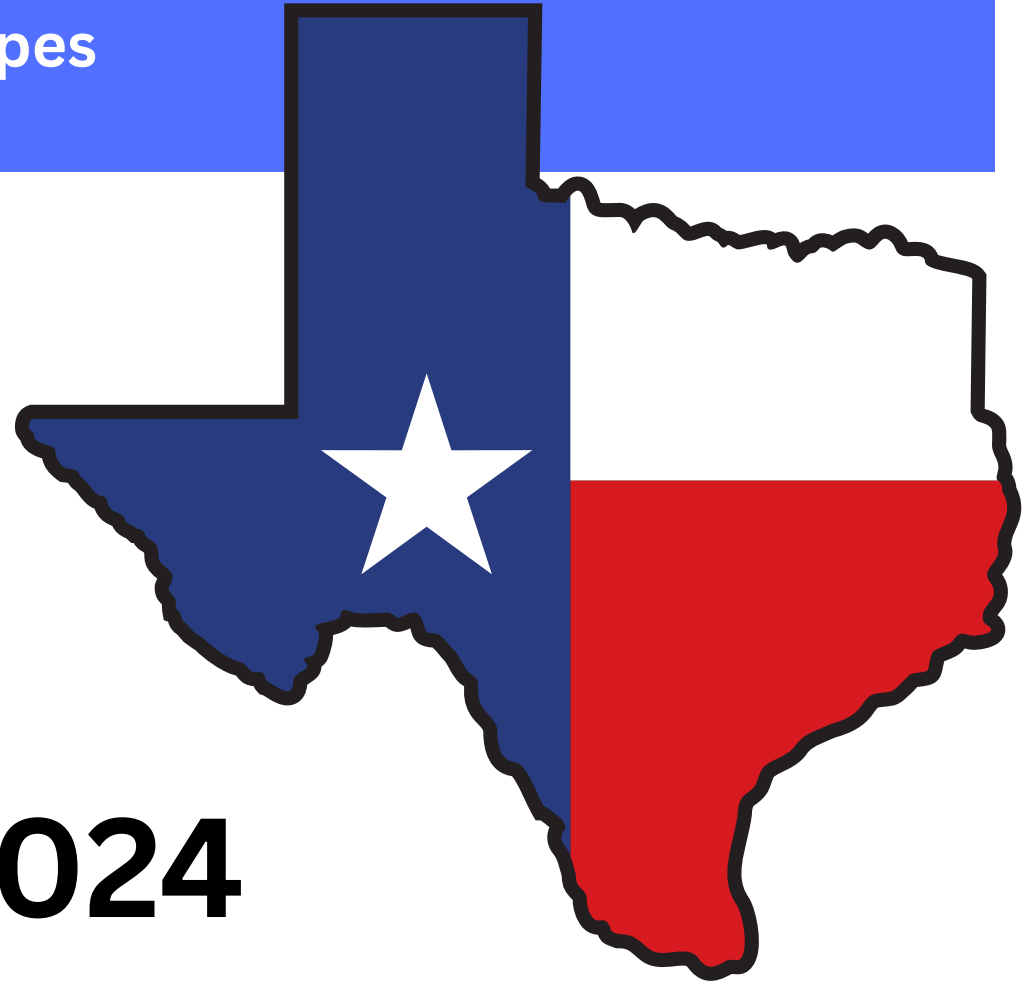


TEKS Grade 7 - S.7.13 Bundle

Body Systems & Inherited Traits

- ✓ 7th Grade Science TEKS Curriculum Bundle - S.7.13.A, S.7.13.B, S.7.13.C, S.7.13.D
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



Teach With
Fergy

NEW 2024

Resources Included

- ✓ **Complete S.7.13 - 7th Grade Science TEKS Curriculum** | Organisms and environments. The student knows how systems are organized and function to support the health of an organism and how trait are inherited.
- ✓ **Variety of Resource Types** - Includes lessons, activities, assessments, and more.
- ✓ **Daily Teaching Timeline Included** - Includes a ready-to-go, daily teaching timeline.
- ✓ **Digital + Printable Formats** - Ideal for classroom, hybrid, or remote learning environments with flexible access options.

Resources Included

TEKS Grade 7 - S.7.13.A Functions of Human Body Systems

- ✓ 7th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

TEKS Grade 7 - S.7.13.B Hierarchical Organization of Cells

- ✓ 7th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



2024

TEKS Grade 7 - S.7.13.C Asexual vs Sexual Reproduction Bundle

- ✓ 7th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

TEKS Grade 7 - S.7.13.D Natural and Artificial Selection Bundle

- ✓ 7th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

Daily Teaching Timeline Included for Each Standard

TEKS – Grade 7

5.7.13 - Organisms and environments. The student knows how systems are organized and function to support the health of an organism and how trait are inherited.

5.7.13.A - The student is expected to identify and model the main functions of the systems of the human organism, including the circulatory, respiratory, digestive, muscular and skeletal, integumentary, nervous, immune, and endocrine systems.

Resources:

- Body Systems - Lesson
- Body Systems in Action Project
- Human Body Systems - Station Activity
- Muscular and Skeletal System - Lesson
 - Muscular and Skeletal System - Reading
 - Muscular and Skeletal System - Scavenger Hunt Activity
- Human Digestion & the Digestive System - Lesson
- Integumentary System - Lesson
- Immune System - Reading
- Reproductive Systems - Lesson
- Endocrine System - Lesson

Lesson Length: 55 minutes

Timeframe: 14 Days

Day	Lesson/Activity
Day 1	Body Systems - Lesson
Day 2	Body Systems in Action Project
Day 3	Body Systems in Action Project
Day 4	Human Body Systems - Station Activity
Day 5	Muscular and Skeletal System - Lesson
Day 6	Muscular and Skeletal System - Reading
Day 7	Muscular and Skeletal System - Scavenger Hunt Activity
Day 8	Muscular and Skeletal System - Lesson
Day 9	Muscular and Skeletal System - Reading
Day 10	Human Digestion & the Digestive System - Lesson
Day 11	Integumentary System - Lesson
Day 12	Immune System - Reading
Day 13	Reproductive Systems - Lesson
Day 14	Endocrine System - Lesson

TEKS – Grade 7

5.7.13 - Organisms and environments. The student knows how systems are organized and function to support the health of an organism and how trait are inherited.

5.7.13.B - The student is expected to describe the hierarchical organization of organ systems within plants and animals.

Resources:

- Cell Organization - Cells, Tissues, Organs, and Systems - Lesson
- Animal and Plant Cells Lesson
- Introduction to Cells - Station Activity
- Cells - Understanding Life Systems Unit - Speed Quizzing
- Cells and the Cell Theory - Scavenger Hunt Activity
- Cell Structure Exit Ticket and Review Activity
- Cells and Organelles Word Search and Scramble Activity
- Cell Organization - Digital Interactive Notebook Pages

Lesson Length: 55 minutes

Timeframe: 7 Days

Day	Lesson/Activity
Day 1	Cell Organization - Cells, Tissues, Organs, and Systems - Lesson
Day 2	Animal and Plant Cells Lesson
Day 3	Introduction to Cells - Station Activity
Day 4	Cells - Understanding Life Systems Unit - Speed Quizzing
Day 5	Cells and the Cell Theory - Scavenger Hunt Activity
Day 6	Cells and Organelles Word Search and Scramble Activity
Day 7	Cell Organization - Digital Interactive Notebook Pages

TEKS Science Daily Teaching Plan

Lesson Length: 55 minutes

Timeframe: 6 Days

Day	Lesson/Activity
Day 1	How Traits Are Passed On - Lesson
Day 2	Plant Reproduction - Lesson
Day 3	Animal and Plant Adaptations for Reproduction - Station Activity
Day 4	Asexual and Sexual Reproduction - Station Activity
Day 5	Punnett Square Practice Traits in Action - Activity
Day 6	Complete Punnett Square Practice Traits in Action - Activity

TEKS Science Daily Teaching Plan

TEKS – Grade 7

5.7.13 - Organisms and environments. The student knows how systems are organized and function to support the health of an organism and how trait are inherited.

5.7.13.D - The student is expected to describe and give examples of how natural and artificial selection change the occurrence of traits in a population over generations.

Resources:

- Natural Selection - Lesson
- Natural Selection and Population Modeling - Station Activity
- Natural Selection and Adaptation - Station Activity
- Physical and Behavioral Adaptations - Lesson
- Physical Adaptations - Reading
- Animal Adaptations - Reading
- Artificial Selection - Station Activity
- Evolution - Lesson
- Evolution and Adaptations Word Search and Scramble Activity

TEKS Science Daily Teaching Plan

Lesson Length: 55 minutes

Timeframe: 8 Days

Day	Lesson/Activity
Day 1	Natural Selection - Lesson
Day 2	Natural Selection and Population Modeling - Station Activity
Day 3	Natural Selection and Adaptation - Station Activity
Day 4	Physical and Behavioral Adaptations - Lesson
Day 5	Physical Adaptations - Reading and/or Animal Adaptations - Reading
Day 6	Artificial Selection - Station Activity
Day 7	Evolution - Lesson
Day 8	Evolution and Adaptations Word Search and Scramble Activity

Lessons, Activities, Assessments, and more

Body Systems - Working Together to Keep You Alive
6th, 7th, 8th Grade Lesson

- Covers: Circulatory System, Excretory System, Digestive System, Respiratory System, Muscular System, Nervous System, How Systems Work Together
- Ideal for Middle School Science
- No-Prep Resource

Human Body Systems in Action - Project
6th, 7th, 8th Grade

Circulatory Nervous Digestive Respiratory

- Hands-On Science Exploration
- Choice-Based Creation

Muscular and Skeletal System
Lab Station Activity

Human Body Systems
NGSS-MS-LS1-3 Station Activity

Introduction to Cells
NGSS-MS-LS1-1 Station Activity

Animal and Plant Cell Lesson
6th, 7th, 8th Grade

- Intro to Cell Biology: Plant and Animal cells
- Student + Teacher Versions
- Multimedia-Rich Lesson
- No Extra Prep Required

Natural Selection and Population Modeling
NGSS-MS-LS4-6 Station Activity

A 5E Lesson Bundle
Muscular and Skeletal System

- Engagement
- Exploration
- Explanation
- Elaborate
- Evaluate

Muscular and Skeletal System Lesson

- Purposes
- Muscular System
- Types of Muscles
- Skeletal Muscles
- Skeletal Muscle Fibers
- Skeletal Muscle Function
- Skeletal Muscle Control
- Muscle Disorders
- Skeletal System
- Two Skeletons
- Skeletal Structure
- Skeletal Disorders

Device-Based Scavenger Hunt
Muscular and Skeletal System

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks, and laptops

- 100% Digital
- Simulations
- Quizzes
- Videos
- Games
- and more

Human Digestion and the Digestive System

Cells and Organelles Word Search and Scramble

THREE Activities in One!

- Basic 25-Term Word Search
- Scrambled Words Word Search
- Word Scramble and Define Activity

Animal and Plant Adaptations for Reproduction
NGSS-MS-LS1-4 Station Activity

Natural Selection and Adaptation
NGSS-MS-LS4-4 Station Activity

Integumentary System Lesson

- Purposes
- Skin
- Epidermis
- Dermis
- Hypodermis
- Hair
- Nails
- Exocrine Glands
- Disorders

Reading Comprehension Passage & Questions
THE IMMUNE SYSTEM
6th, 7th, and 8th Grade Science

- No Prep, Ready-to-Use Resource in Google and Office Format
- Includes Comprehension and Extension Questions

The Male and Female Reproductive Systems

- Teaches: The reproductive hormones, the male and female reproductive systems, the menstrual cycle, puberty
- Ideal for Middle School Science
- No-Prep Resource

The Endocrine System
Chemical Control

- Teaches: Hormones, pituitary gland, growth hormone, and adrenaline explained at the right level.
- Ideal for Middle School Science
- No-Prep Resource

Plant Reproduction Lesson
6th, 7th, 8th Grade

- Intro to Plant Reproduction: Sexual and Asexual Reproduction
- Student + Teacher Versions
- Multimedia-Rich Lesson with No Prep Required

Asexual and Sexual Reproduction
NGSS-MS-LS3-2 Station Activity

Cell Structure - Exit Ticket

- One-click to place the form in your Google Drive
- Includes 4 topic-specific questions
- Automatically graded and data presented via graphs
- Can be accessed from any device or projected to class
- Can be used as exit tickets or start of class review

Cell Organization - Cells, Tissues, Organs and Systems

- Cells
- Critics vs. Living things
- What do they have in common?
- Cellular Organization
- Specialized Cells
- Muscle Cells
- Nerve Cells
- Tissues

Chapter 6: Cell Organization
Digital Interactive Notebook Pages

- 100% Digital and Interactive
- Perfect for your Google Classroom or Microsoft OneDrive

Speed Quizzing

Animal cells are _____ cells.

What is the liquid that fills the inside of a cell?

Cytoplasm

A fast-moving review activity where students quiz each other, swap cards, then move on to someone new.

Device-Based Scavenger Hunt
Cells and the Cell Theory

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks and laptops

- 100% Digital
- Simulations
- Quizzes
- Videos

Asexual vs Sexual Reproduction
6th, 7th, 8th Grade Lesson

- How Traits are Passed On: Sexual and Asexual Reproduction
- Student + Teacher Versions - Office, Google, and PDF Versions
- Multimedia-Rich Lesson with No Prep Required

Evolution and Adaptations
Word Search and Scramble

THREE Activities in One!

- Basic 25-Term Word Search
- Scrambled Words Word Search
- Word Scramble and Define Activity

Evolution

- What is Evolution?
- Example of Evolution
- Evidence for Evolution - Body Structures
- Evidence for Evolution - Fossil Record
- Evidence for Evolution - Embryological Development
- Evidence for Evolution - Vestigial Traits
- Evidence for Evolution - DNA

Artificial Selection
NGSS-MS-LS4-5 Station Activity

Natural Selection

- Natural Selection
- Biodiversity
- Adaptation - Physical and Behavioral
- Human Influence

Physical and Behavior Adaptations Lesson
6th, 7th, 8th Grade

- Comprehensive Content Overview - Includes evolution refreshers, physical and behavioral adaptations, and inquiry-based learning
- Student-Friendly Format - Clear visuals and comparisons support understanding of complex concepts

Reading Comprehension Passage & Questions
Physical Adaptations
6th, 7th, and 8th Grade Science

- No Prep, Ready-to-Use Resource in Google and Office Format
- Includes Comprehension and Extension Questions

Reading Comprehension Passage & Questions
Animal Adaptations
6th, 7th, and 8th Grade Science

- No Prep, Ready-to-Use Resource in Google and Office Format
- Includes Comprehension and Extension Questions

Evolution

- What is Evolution?
- Example of Evolution
- Evidence for Evolution - Body Structures
- Evidence for Evolution - Fossil Record
- Evidence for Evolution - Embryological Development
- Evidence for Evolution - Vestigial Traits
- Evidence for Evolution - DNA

Evolution

- What is Evolution?
- Example of Evolution
- Evidence for Evolution - Body Structures
- Evidence for Evolution - Fossil Record
- Evidence for Evolution - Embryological Development
- Evidence for Evolution - Vestigial Traits
- Evidence for Evolution - DNA

Who is this Bundle for?

- **Teachers who teach 7th grade science in Texas**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to prepare their students for the STAAR Science Exam**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**

