

TEKS Grade 8 - S.8.1-5

Science Skills & STEM Bundle

- ✓ 8th Grade Science TEKS Curriculum Bundle - S.8.1, S.8.2, S.8.3, S.8.4, S.8.5
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024



- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Resources are Engaging, Applicable, and Fully TEKS Aligned.**
- **Includes a Teaching Timeline**
- **Digital and Print** - Most resources come in PDF, Office, and Google versions.

SCROLL
to learn more!



HOW THIS BUNDLE HELPS YOU

- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Digital and Print** - Most of the resources come in PDF, Office, and Google versions so no formatting needed. They can be printed, uploaded, or displayed.
- **Provides Applicability** - So you know what to teach and when in order to fully cover the TEKS Standards.

Daily Teaching Timeline Included

The collage includes resources such as:

- The Scientific Method Practice**: Students practice real examples of each component of the Scientific Method (Questioning, Variables, Hypothesis, Procedure, and Graphing). Includes all answers and explanations. Students are able to build up and put it all together.
- Reading Comprehension Passage and Questions**: Chemistry of Cosmetics. 6th, 7th, and 8th Grade Science. No Prep, Ready-to-Use Resource in Google and Office Format. Includes Comprehension and Extension Questions.
- Lab Safety Lab Station Activity**: Includes a lab safety guide and a station activity.
- Science Lab Equipment Word Search and Scramble**: THREE Activities in One! 1. Basic 25-Term Word Search, 2. Scrambled Words Word Search, 3. Word Scramble and Define Activity.
- Speed Quizzing**: A fast-moving review activity where students quiz each other, swap cards, then move on to someone new.
- Scientific Methods and Skills Lab Station Activity**: Includes a station activity and a word search.
- Middle School Science Icebreaker Station Activity**: Includes 11 Stations in PowerPoint, Google, and PDF formats. Students receive points for completing tasks and work together to complete as many stations as possible. Works as an excellent start of term activity. Create a fun, collaborative learning environment.
- PAPER BRIDGE ENGINEERING CHALLENGE Middle School**: A STEM challenge activity.
- RUBE GOLDBERG MACHINE ENGINEERING CHALLENGE MIDDLE SCHOOL**: A STEM challenge activity.
- Science Class Starters**: Newsworthy Monday, Tubing Tuesday, What Would Happen Wednesday, Toss-Up Thursday, Famous Friday.
- Scientific Method Investigations**: What's Included: 6 Ready-to-Go Scientific Method Lab Experiments. Very little prep as the materials are either provided or can easily be found in any science classroom. Each experiment will take about 45-60 minutes to complete.
- Science Skills and Safety**: Includes Scientific Literacy, Science Lab Safety (WHMIS, MSDS, HHPS), Observations vs. Inferences, Scientific Notation, and The Scientific Method. Versions Included: Google Slides and PowerPoint, Google Classroom Ready.

TEKS – Grade 8
5.8.1-5 Scientific & Engineering Practices and Recurring Themes and Concepts
Resources:

- Science Class Starters & Warm Up Activities
- Middle School Icebreaker - Station Activity
- Scientific Method, Skills and Safety - Lesson
- Lab Safety and Equipment - Lab Station Activity
- Lab Equipment - Science Word Search and Scramble - Activity
- Science Skills and Safety - Speed Quizzing Review - Activity
- Scientific Method Practice | Questioning, Variables, Hypothesis, Procedure and Graphing - Lesson and Activity
- Scientific Method Investigations - 6 Student-Led Experiments
- The Scientific Method and Science Skills - Lab Station Activity
- Chemistry of Cosmetics - Reading
- Exercise and Health - Reading
- Rube Goldberg - STEM Engineering Challenge
- Paper Bridge - STEM Engineering Challenge

TEKS Science Daily Teaching Plan
Lesson Length: 55 minutes
Timeframe: 2 Weeks, 10 Days

Day	Focus Topic	Lesson/Activity
Day 1	Introductions & Engagement	Science Class Starters & Warm Up Activities Middle School Icebreaker - Station Activity
Day 2	Lab Safety Foundations	Scientific Method, Skills and Safety - Lesson Lab Safety and Equipment - Lab Station Activity
Day 3	Lab Safety Practice	Lab Equipment - Science Word Search and Scramble - Activity Science Skills and Safety - Speed Quizzing Review - Activity
Day 4	Scientific Method Basics	Scientific Method Practice Questioning, Variables, Hypothesis, Procedure and Graphing - Lesson and Activity
Day 5	Student Investigations	Scientific Method Investigations - 6 Student-Led Experiments
Day 6	Student Investigations	Scientific Method Investigations - 6 Student-Led Experiments
Day 7	Scientific Thinking Extension	The Scientific Method and Science Skills - Lab Station Activity
Day 8	Scientific Literacy	Chemistry of Cosmetics - Reading Comprehension Activity
Day 9	STEM Application	Rube Goldberg - STEM Engineering Challenge
Day 10	STEM Application	Paper Bridge - STEM Engineering Challenge

- ★ 1 Lesson and 1 Year of Science Class Starters
- ★ 3 Lab Station Activities & 2 Reading Comprehension Activities
- ★ 2 STEM Challenges & 1 Word Search and Scramble
- ★ Scientific Method Practice and Activities + 1 Speed Quizzing Review Activity

What You Get

Science Class Starters

Newsworthy Monday
Tubing Tuesday
What Would Happen Wednesday
Toss-Up Thursday
Famous Friday

Science Skills and Safety

- Scientific Literacy
- Science Lab Safety
 - WHMIS, MSDS, HHPS
- Observations vs. Inferences
- Scientific Notation
- The Scientific Method

Google Slides and PowerPoint Versions Included
Google Classroom Ready

Lab Safety Lab Station Activity

7 Lab Station Activities to get your kids out of their seats and engaged

Scientific Methods and Skills Lab Station Activity

Hypotheses
Scientific Method (Process)
Data (Results)
Findings (Conclusions)

Middle School Science Icebreaker Station Activity

- ✓ Includes 11 Stations in PowerPoint, Google, and PDF formats
- ✓ Students receive points for completing tasks and work together to complete as many stations as possible
- ✓ Works as an excellent start of term activity
- ✓ Create a fun, collaborative learning environment

Reading Comprehension Passage and Questions

Chemistry of Cosmetics
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

Exercise and Its Importance for Overall Health
6th, 7th, and 8th Grade Science

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

PAPER BRIDGE ENGINEERING CHALLENGE
Middle School

RUBE GOLDBERG MACHINE ENGINEERING CHALLENGE
MIDDLE SCHOOL

STEM ACTIVITY

Speed Quizzing

What is a control group?
A group that is not changed and is kept under normal conditions.
What does the WHMIS symbol depicting a tree mean?
May cause damage to the aquatic environment.

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

Science Skills and Safety

The Scientific Method Practice

- ✓ Students practice real examples of each component of the Scientific Method
- ✓ Questioning, Variables, Hypothesis, Procedure, and Graphing
- ✓ Includes all answers and explanations
- ✓ Students are able to build up and put it all together

Questioning – Picture Prompts
Graphing

Science Lab Equipment Word Search and Scramble

THREE Activities in One!

1. Basic 25-Term Word Search
2. Scrambled Words Word Search
3. Word Scramble and Define Activity

Scientific Method Investigations

What's Included:

- 6 Ready-to-Go Scientific Method Lab Experiments

Very little prep as the materials are either provided or can easily be found in any science classroom

Each experiment will take about 45-60 minutes to complete

TEKS – Grade 8

S.8.1-5 Scientific & Engineering Practices and Recurring Themes and Concepts

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What Will Your Students Learn?

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- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

- ✓ The Scientific Method.
- ✓ Scientific and Engineering Practices.
- ✓ How to Analyze and Interpret Data.
- ✓ How to Develop Evidence-Based Explanations.
- ✓ How to Perform Scientific Research.
- ✓ How to make Connections Across Science Disciplines.

Upgrade to the TEKS Grade 8 Bundle

✓ **SAVE YOU 85%!**

✓ **Covers All 8th Grade TEKS Standards:** Fully aligned with Texas' standards for Grade 8 Science.

✓ **Massive Resource Library:** Includes 5E lesson bundles, labs, lessons, readings, activities, quizzes, and more across all science domains.

✓ **Organized by Standard:** Easy-to-navigate layout helps you teach S.8.1-13

✓ **No Prep & Editable:** Ready-to-use PDFs, Word docs, and digital versions for seamless classroom integration.

8th Grade Science TEKS Curriculum Bundle

- ✓ Complete 8th Grade Science TEKS Curriculum Bundle - Ideal for Classroom and STAAR prep
- ✓ Variety of Lesson and Activity Types
- ✓ Organized by Topic & Standard
- ✓ Digital + Printable Formats



**Click to
learn more!**

As a special bonus, I want to send you a few resources that you can use in your classroom tomorrow. Completely free and geared towards what you teach!



Just  **and then choose what you teach!**

thanks
**for your interest
in this resource!**



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