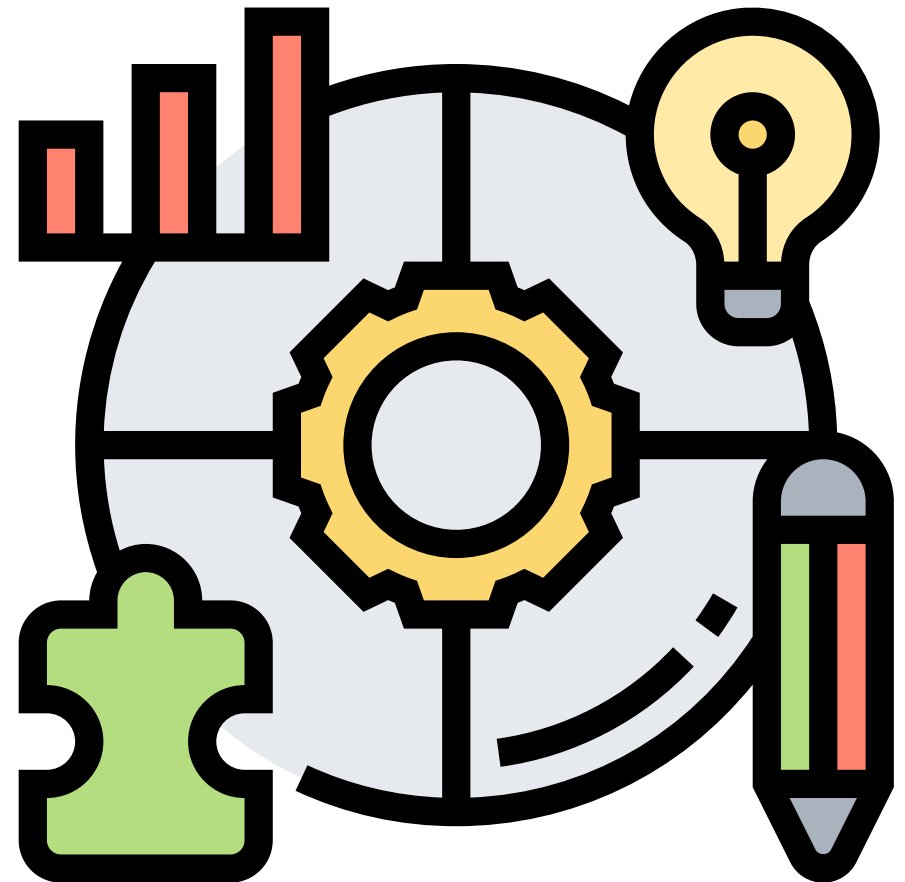
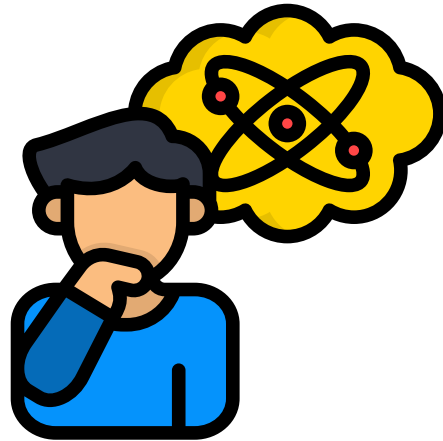


Introduction to Physical Science and Measurement Unit

- **Covers: Scientific Method, Lab Equipment and Lab Safety, Scientific Literacy, and Metric Conversions**
- **Lesson & Engaging Activities**
- **Daily Teaching Schedule**



Introduction to Physical Science and Measurement

Unit - Main Topics

- Scientific Method
- Lab Equipment and Safety

Includes:

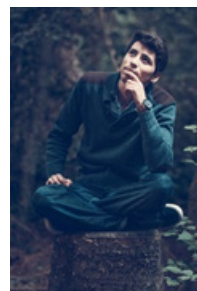
1 X 2-Day Lesson 10

Activities Topics

Include:

- Scientific Literacy
- Science Lab Safety
- WHMIS, MSDS, HHPS
- Observations vs. Inferences
- Significant Digits/Figures
- Scientific Notation
- The Scientific Method
- Metric Conversions

TWF



	Exploding bomb (for explosion or reactivity hazards)		Flame (for fire hazards)		Flame over circle (for oxidizing hazards)
	Gas cylinder (for gases under pressure)		Corrosion (for corrosive damage to metals, as well as skin, eyes)		Skull and Crossbones (can cause death or toxicity with short exposure to small amounts)
	Health hazard (may cause less serious health effects)		Exclamation mark (may cause less serious health effects or damage the ozone layer*)		Environment* (may cause damage to the aquatic environment)

Lesson Includes Teacher and Student Versions - Videos Embedded in Lessons

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

Google Access

Thank you for your purchase. Clicking the link button below will automatically create a copy of the Google resources and place them into your Google Drive. You'll find the folder inside the "Shared with me" section on the left side of your Drive.

Important: Before you click, make sure you're signed in to the Google account you'd like the resources placed into. If the resources are added to the wrong account, simply sign out and then into the correct one and repeat the process.

[Click here to place a copy of your resources into your Google account](#)

Google Classroom Ready
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1) Introduction & Question

Introduction

- Relevant observations, inferences, background knowledge is provided

Question

- Semi-formal
- Question should interest you

• E.g. Are taller people better at basketball than shorter people?



Teacher and Student Versions of the presentation

Scientific Notation



$a \times 10^n$



Videos embedded directly into the slides. One-click access.

Engaging Activities

TWF

Scientific Method Lab Station Activity



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

Lab Safety Lab Station Activity



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

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 A



TWF

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



The Scientific Method Word Search and Scramble

THREE Activities in One!

1. Basic 25-Name Word Search
2. Scrambled Names Word Search
3. Word Scramble and Contribution Activity

TWF



Daily Teaching Schedule

UNIT 1 – Introduction to Physical Science and Measurement **11-12 DAYS TOTAL**

Scientific Method – 9 – 10 days			
Number of Day(s)	Course Content	Teaching Resources	NGSS
5	- Scientific Literacy - Science Lab Safety - WHMIS, MSDS, HHPS - Observations vs. Inferences - Significant Digits/Figures - Scientific Notation - The Scientific Method - Metric Conversions	Scientific Method, Skills and Safety - Lesson	HS-ETS1-1 HS-ETS1-2 HS-ETS1-3 HS-PS1-5 HS-LS1-3 HS-ESS2-5
1	Hands-on review activity	Scientific Method - Lab Station Activity	
2-3	Hands-on review activity	Scientific Method Investigations - 6 Student-Led Experiments	
1	Review activity	The Scientific Method Word Search and Scramble Activity	

Lab Equipment and Safety – 2 days			
Number of Day(s)	Course Content	Teaching Resources	NGSS
1	Hands-on review activity	Lab Safety - Lab Station Activity	HS-ETS1-3
1	Review activity	Lab Equipment - Science Word Search and Scramble Activity	
Assessment(s)	There are multiple assessments included throughout this unit. UNIT TEST		

The Following Resources are Included

- Scientific Method, Skills and Safety

- - Lesson

- Scientific Method - Lab Station

- Activity

- Scientific Method Investigations - 6

- Student-Led Experiments

- The Scientific Method Word Search

- and Scramble Activity

- Lab Safety - Lab Station Activity

- Lab Equipment - Science Word

- Search and Scramble Activity

Who's It For?

- High School Physical Science Teachers
- Teachers using NGSS
- Teachers who want to increase their student's engagement and retention
- Teachers not looking to reinvent the wheel

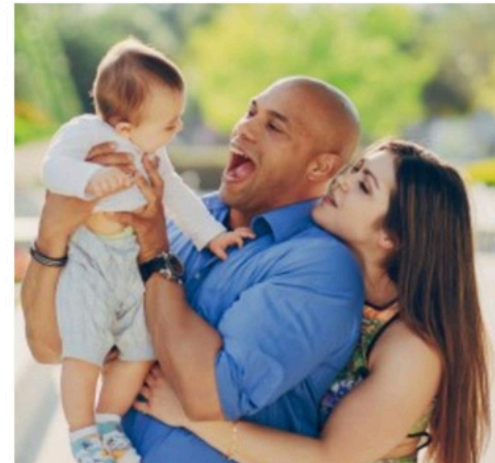


Save yourself the **STRESS AND TIME**



TWF

Spend your time WISELY



TWF