

NGSS MS-PS1-2

Curriculum Bundle

Chemical Reactions & Properties of Matter

- ✓ 4 Lessons and 7 Activities
- ✓ Everything You Need to Teach NGSS MS-PS1-1

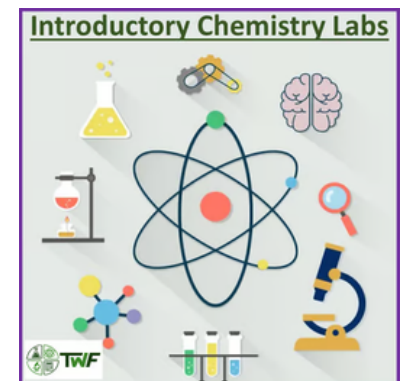
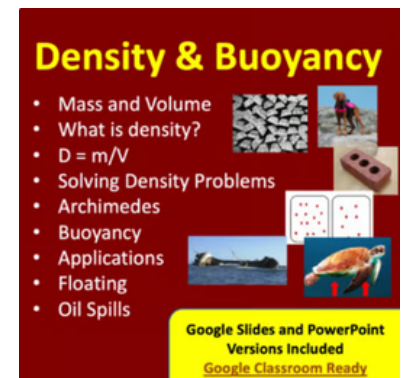
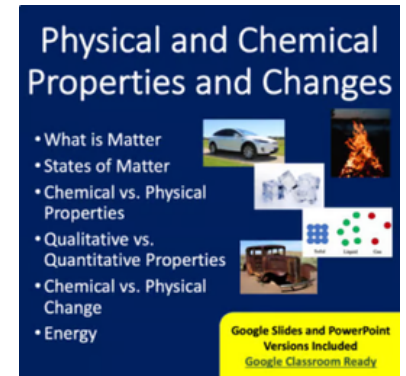


Resources Included

✓ 4 Lessons

✓ 7 Activities

- Physical and Chemical Properties Lesson
- Physical and Chemical Changes – Scavenger Hunt
- Physical and Chemical Properties and Changes Science Word Sprint
- Physical and Chemical Properties Changes Lab Station Activity
- Physical and Chemical Properties Word Search and Scramble Activity
- Matter Lesson
- Chemical Reactions Lesson
- Density and Buoyancy Lesson
- Mass Volume Density and Buoyancy Scavenger Hunt
- Measuring Density Lab
- Introductory Chemistry Labs



Everything You Need to Teach NGSS MS-PS1-2

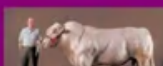
Physical and Chemical Properties and Changes

- What is Matter
- States of Matter
- Chemical vs. Physical Properties
- Qualitative vs. Quantitative Properties
- Chemical vs. Physical



Matter

1. What is Matter
2. Mass and Volume
3. The Particle Theory of Matter
4. States (Phases) of Matter



Science Word Sprint! Physical and Chemical Properties and Changes

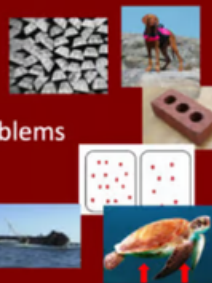
Students race against the clock to guess scientific terms without using the forbidden terms.



Physical Sciences

Density & Buoyancy

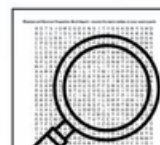
- Mass and Volume
- What is density?
- $D = m/V$
- Solving Density Problems
- Archimedes
- Buoyancy
- Applications
- Floating



Physical and Chemical Properties 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



Device-Based Scavenger Hunt Physical and Chemical Changes



- Includes
- 5 Unique Locations
 - Online form submission
 - Answer Key

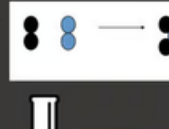
Works on all smartphones, tablets, Chromebooks and laptops

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



Chemical Reactions

- Chemical Reactions
- Reactants and Products
- Describing Chemical Reactions
- Solving Chemical Reactions
- Energy in Chemical Reactions
- Predicting Chemical Reactions



Device-Based Scavenger Hunt Mass, Volume, Density, and Buoyancy



- Includes
- 5 Unique Locations
 - Online form submission
 - Answer Key

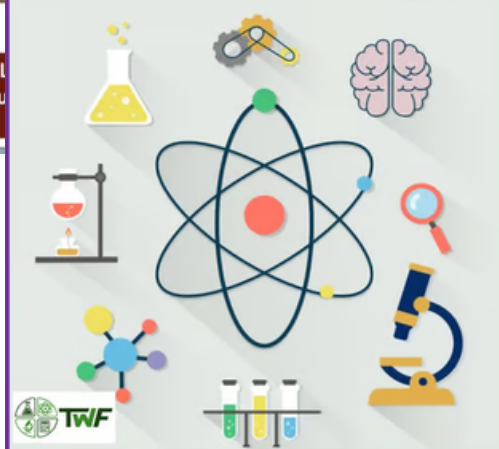
Physical and Chemical Properties & Changes Lab Station Activity



nebooks, and laptops



Introductory Chemistry Labs



The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS PS1 Matter and its Interactions

MS-PS1-2. Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.

[Clarification Statement: Examples of reactions could include burning sugar or steel wool, fat reacting with sodium hydroxide, and mixing zinc with hydrogen chloride.]

[Assessment Boundary: Assessment is limited to analysis of the following properties: density, melting point, boiling point, solubility, flammability, and odor.]

Resources:

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Physical and Chemical Properties and Changes

- What is Matter
- States of Matter
- Chemical vs. Physical Properties
- Qualitative vs. Quantitative Properties
- Chemical vs. Physical Change
- Energy



Google Slides and PowerPoint
Versions Included
Google Classroom Ready

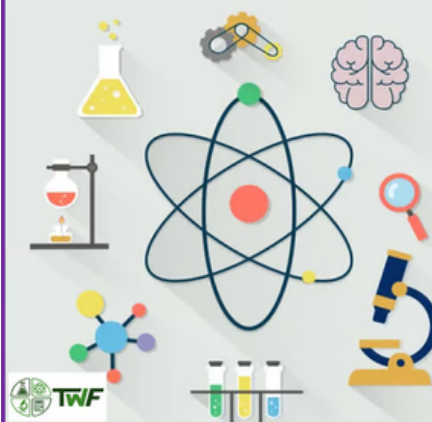
Density & Buoyancy

- Mass and Volume
- What is density?
- $D = m/V$
- Solving Density Problems
- Archimedes
- Buoyancy
- Applications
- Floating
- Oil Spills



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Introductory Chemistry Labs



Who is this Bundle for?

- **Teachers who teach middle school science and use the NGSS**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**