

Quantities in Chemical Reactions Unit

- ✓ 3-4 weeks of teaching resources
- ✓ 5 Lessons in Office and Google
- ✓ Lab Stations, Labs, Worksheets, and Activities
- ✓ Each lesson contains an Auto-Graded Exit Ticket



- ✓ Digital and Print Versions
- ✓ Fully Editable

SCROLL
to take a look inside!



TEACHER BENEFITS

HOW THIS UNIT WILL HELP YOU

- **NO PREP** - Just Download and Teach
- 3-4-Week Unit with 5 Engaging Lessons, Interactive Activities, & Assessments
- Built-in differentiation for various learning styles

THIS UNIT INCLUDES

- ✓ Fully Editable Lessons and Activities
- ✓ Labs and Assessments

The Mole and Avogadro's Number

- The Mole
- Avogadro's Number
- Molar Mass
- Finding n
- Finding the # of atoms
- Working with formulas - Practice

6.02x10²³

Determining Hydrate Chemical Formulas

- Hydrates
- Analysis of Hydrated Salt

Limiting Reagents and Percent Yield

- Limiting Reagent
- Steps for Determining Limiting Reagent
- Percent vs Actual Yield
- Check Your Understanding

Percentage Composition

- Law of Definite Proportions
- Percentage Composition from Chemical Formula
- Empirical Formula from % Composition
- Molecular Formula
- Check Your Understanding Practice

Stoichiometry

- What is Stoichiometry?
- Chemical Reactions and the Mole
- Steps to Stoichiometry
- Mole Ratio
- Fully Worked Practice Questions

“

★★★★★ Extremely satisfied - Easy to use. Very engaging. Great resource!

★★★★★ Extremely satisfied - This packet was a great introduction to the "Mole" and Avogadro's Number. The extra worksheets were great for homework.

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- ✓ The Mole
- ✓ Percent Composition
- ✓ Determining Hydrate Chemical Formulas
- ✓ Stoichiometry
- ✓ Solving Quantitative Chemistry Problems
- ✓ Limiting Reagents
- ✓ Percent Yield

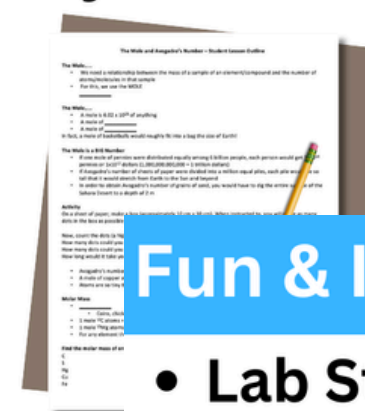
Your Unit Teaches

5 Complete Lessons

Videos embedded directly in your lessons

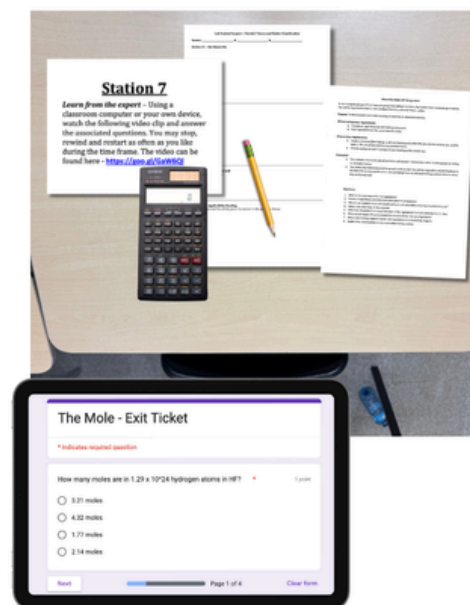


Student and Teacher



Fun & Interactive Activities

- Lab Stations
- Labs
- Assignment
- Worksheets



“★★★★★ Extremely satisfied - This was a great resource on this topic. The mole/avogadro's number is a weird topic that many students struggle with. However, this presentation did a great job explaining the topic and included some history on the topic. Thank you!”

MY QUANTITIES IN CHEMICAL REACTIONS UNIT SOLVES...

- ★ Planning fatigue
- ★ Student engagement slumps
- ★ Differentiation challenges
- ★ The large scope and sequence of chemistry

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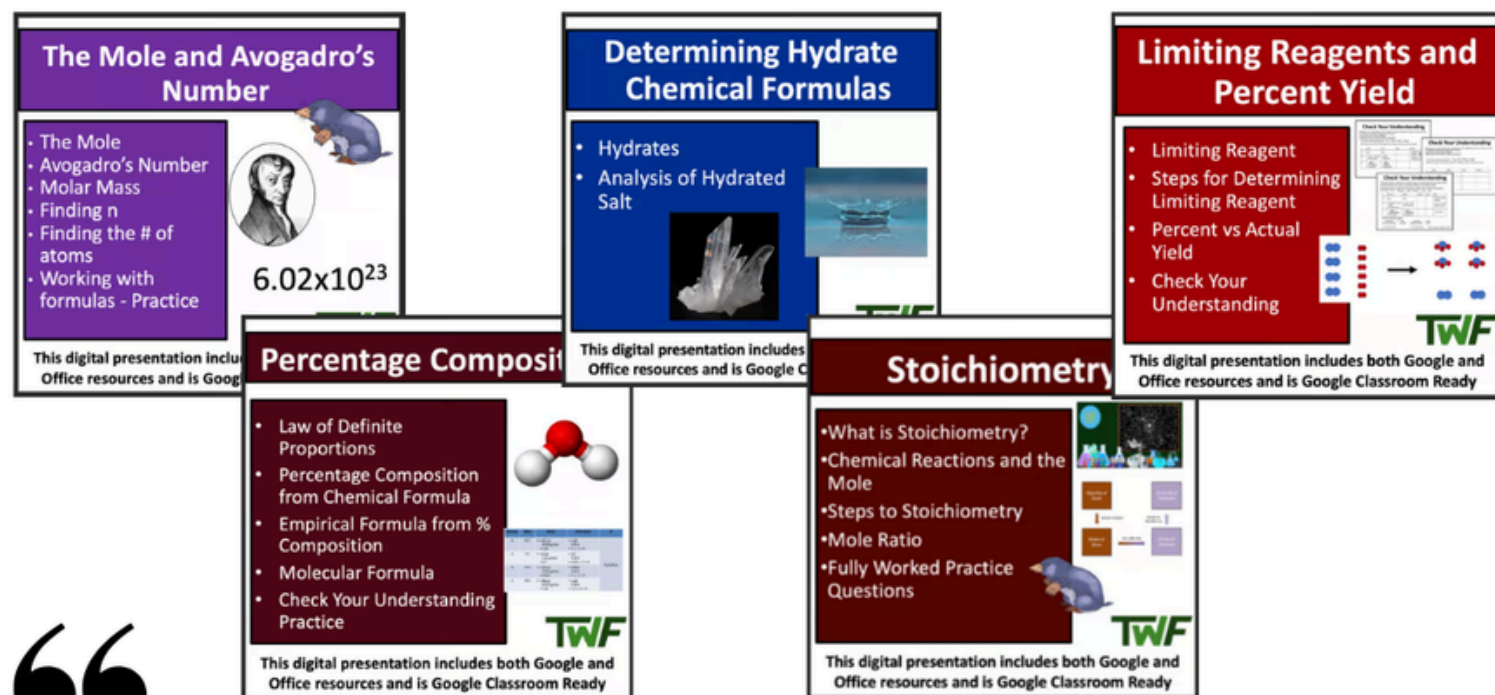


✓ Digital and Print Versions
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Lessons

THIS UNIT INCLUDES

- ✓ Fully Editable Lessons and Activities
- ✓ Labs and Assessments



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Teacher and Student Versions of Each Lesson



Fully Editable and includes Office, Google, and PDF Versions



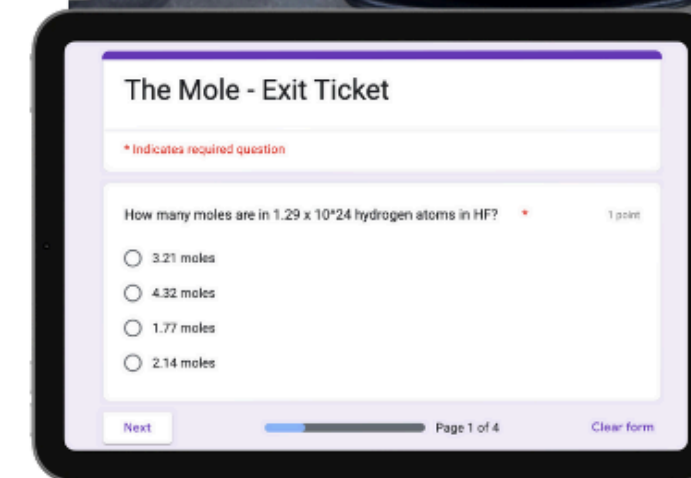
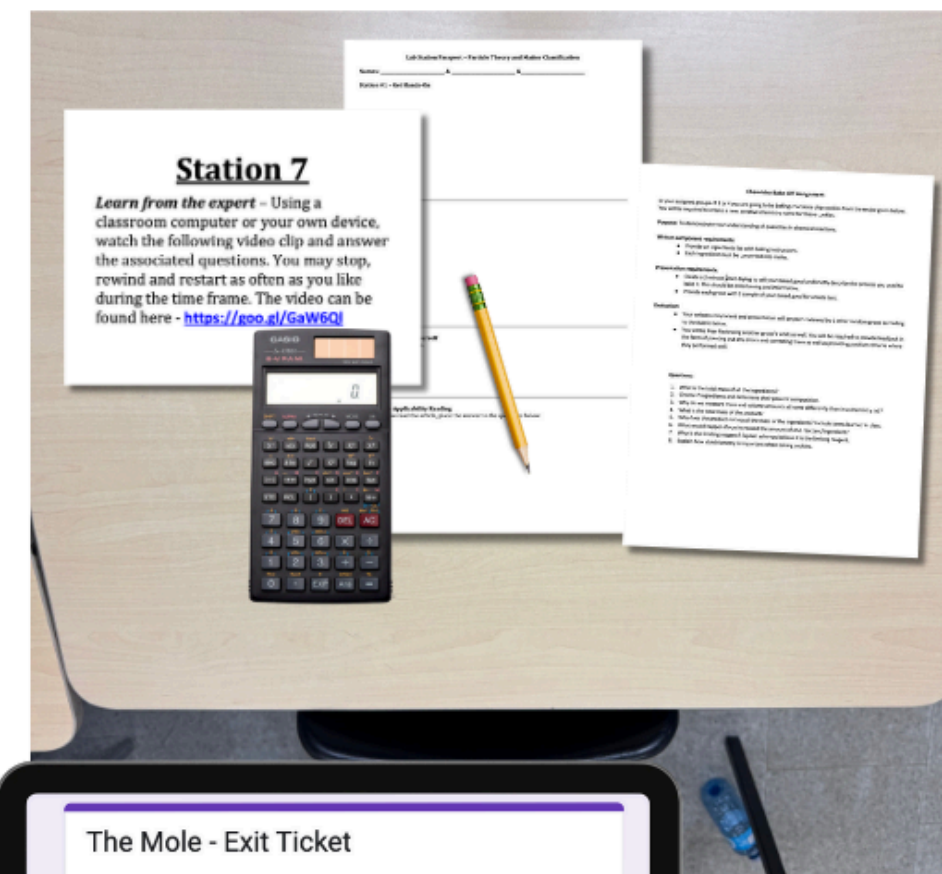
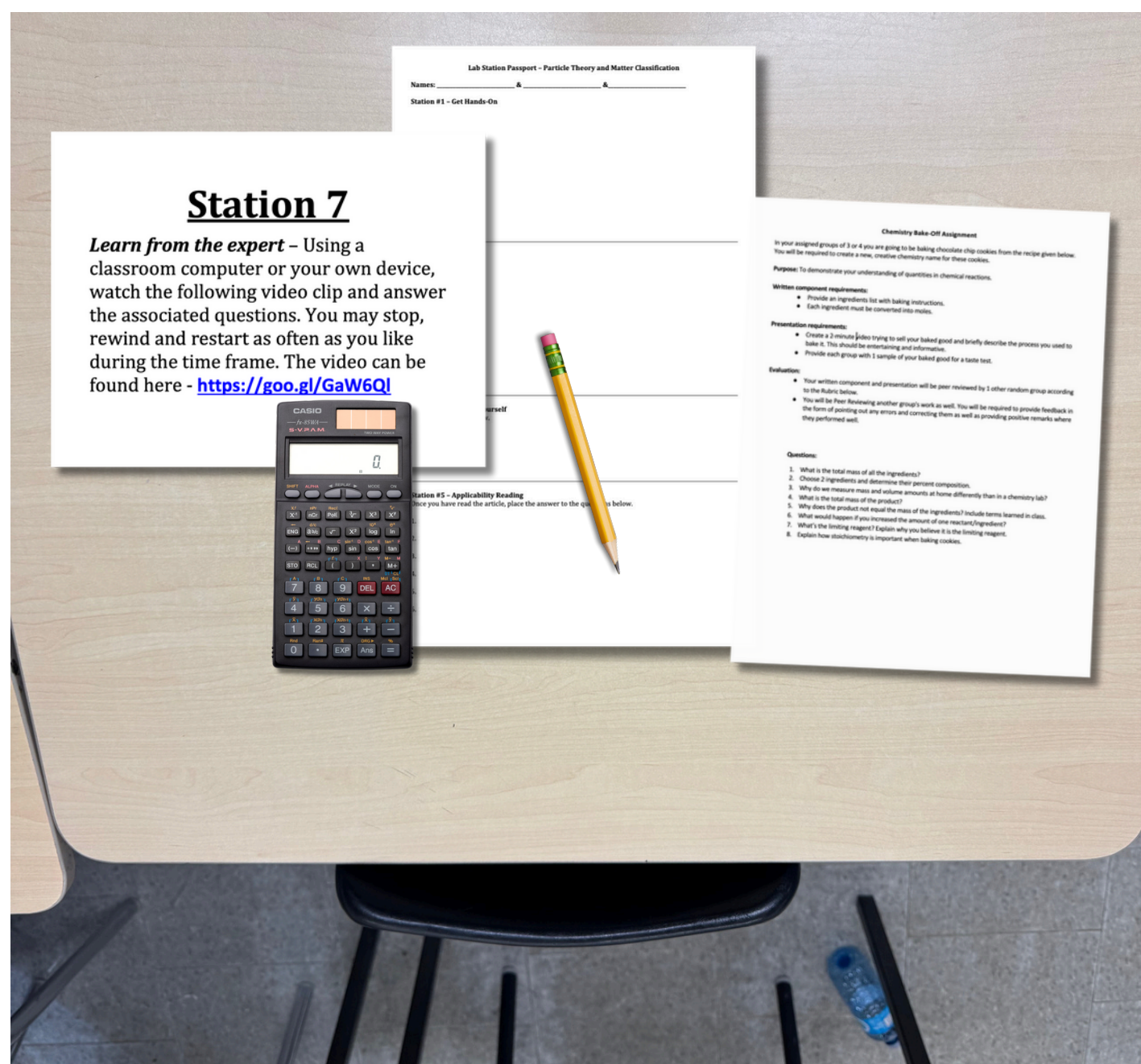
Each Includes an Auto-Graded Exit Ticket via Google Forms



Interactive Activities

Fun & Interactive Activities

- Lab Stations
- Labs
- Assignment
- Worksheets



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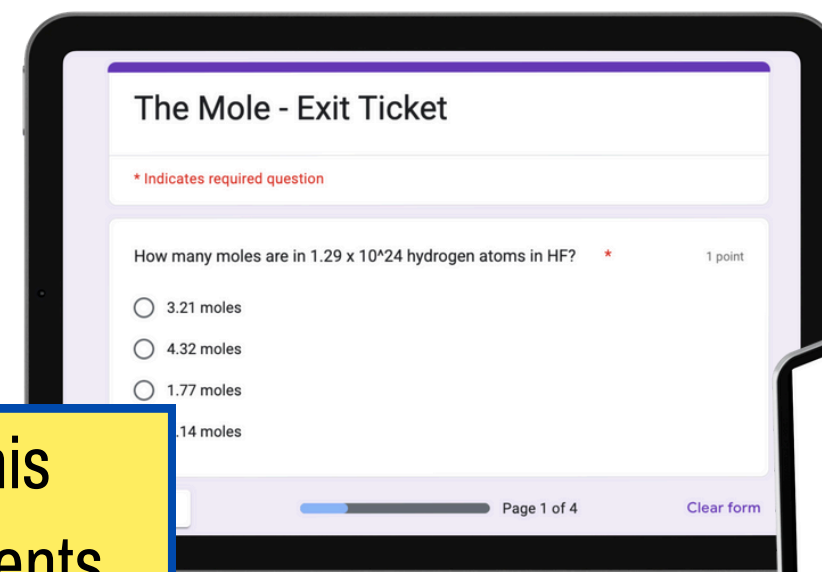
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Quantities in Chemical Reactions Unit

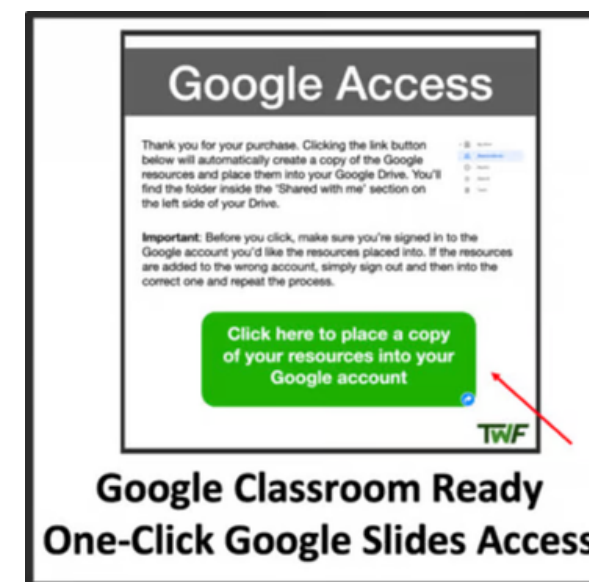
Office, Google,
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Interactive and
engaging

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Fully Editable



Upload everything
directly to your
Google Classroom