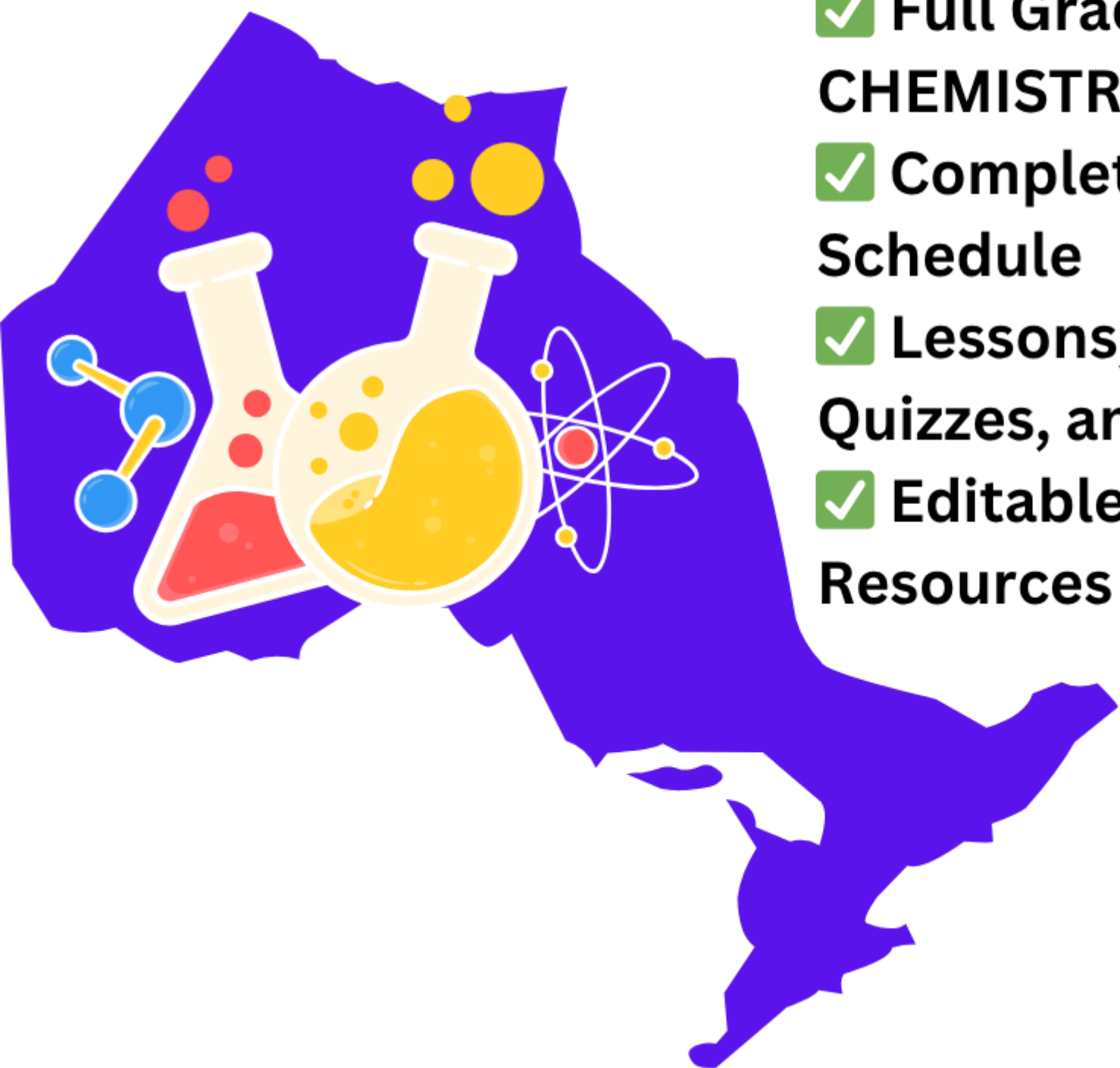


Ontario Grade 10 CHEMISTRY Unit - SNC2D



- ✓ Full Grade 10 Ontario CHEMISTRY Unit
- ✓ Complete Daily Teaching Schedule
- ✓ Lessons, Labs, Activities, Quizzes, and Test
- ✓ Editable & Digital Resources



Exactly what I and other teachers use to teach Grade 10 Chemistry - Atoms, Periodic Table, Acid/Base, Chemical Reactions, & Naming in Ontario - SNC2D

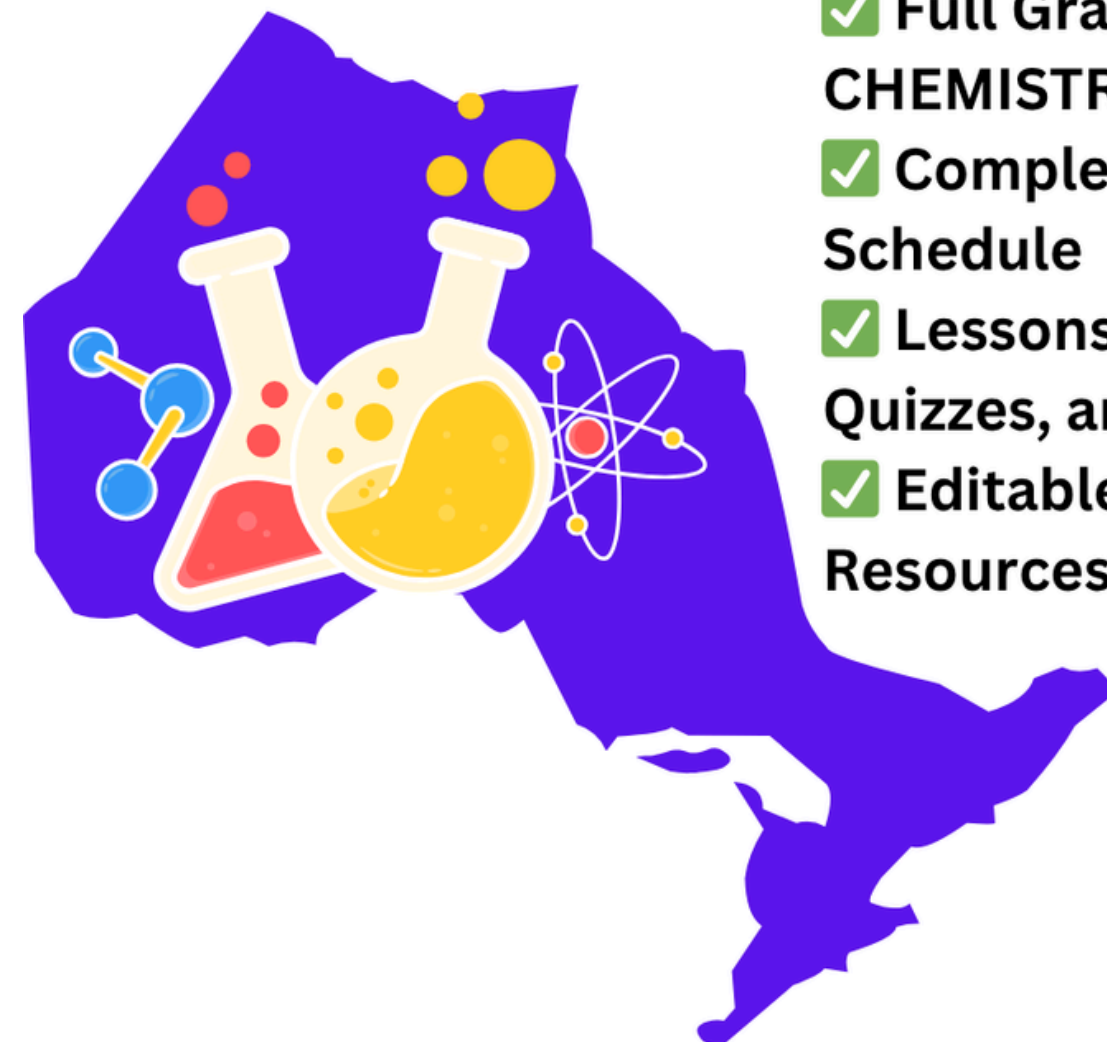
SCROLL
to take a look inside!



MY CHEMISTRY CURRICULUM SOLVES...

- ★ Planning fatigue
- ★ Student engagement slumps
- ★ Differentiation challenges
- ★ The large scope and sequence of Chemistry and Chemical Reactions

Ontario Grade 10 BIOLOGY Unit - SNC2D



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✓ Complete Curriculum
Including 11 Lessons and
many Activities

✓ Teacher and Student
Versions of each Lesson

✓ Embedded Videos in your
Presentations + full Video
Lessons

✓ Labs, Scavenger Hunt, Word
Search, Review, and More

Your Curriculum

Daily Teaching
Schedule, Activities,
Labs, Quizzes, Unit Test

Grade 10 SNC2D Science Chemistry Unit

Counting Atoms in Compounds

Ionic Compounds Cipher Puzzle

Classroom-Tested and Formatted

NO PREP, MATERIALS, OR MARKING

Lessons

Inside the Unit

- 5 Weeks of teaching materials
- 11 Lessons each with an Auto-Graded Exit Ticket
- Office and Google Version of EACH Lesson
- Full Video Lesson for Each Presentation
- Student notes in Word and Google Doc

NO PREP
EVERYTHING I USE TO TEACH
GRADE 10 CHEMISTRY IN ONTARIO

Properties

- Properties are the characteristics used to identify a substance
- Examples include color, taste, smell, dimensions, density, etc
- What are its properties? →

Complete Presentations
+ Video Lessons



Teaching Schedule, Activities, &
Labs

Physical and Chemical Properties and Changes - Exit Ticket

Exit
Tickets

Device-Based Scavenger Hunt Chemical Reaction

Ionic Compounds

Type of Chemical Reactions - Exit Ticket

Ionic Compounds

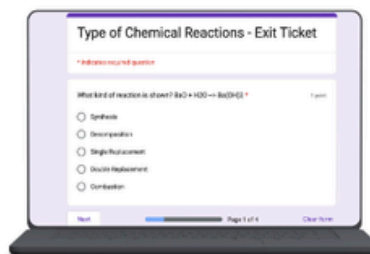
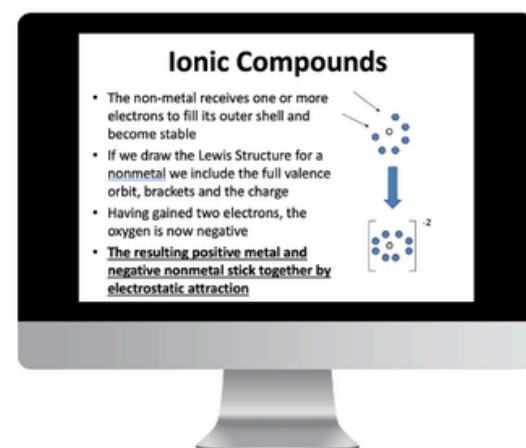
Student
Notes

11 Interactive Lessons

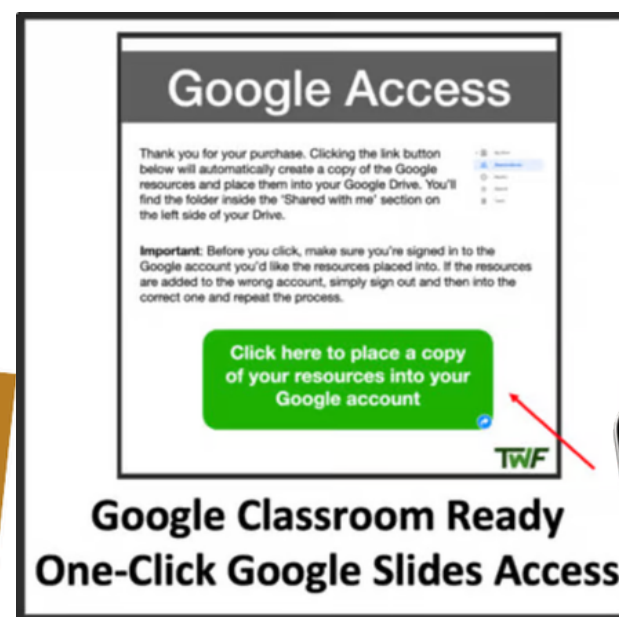
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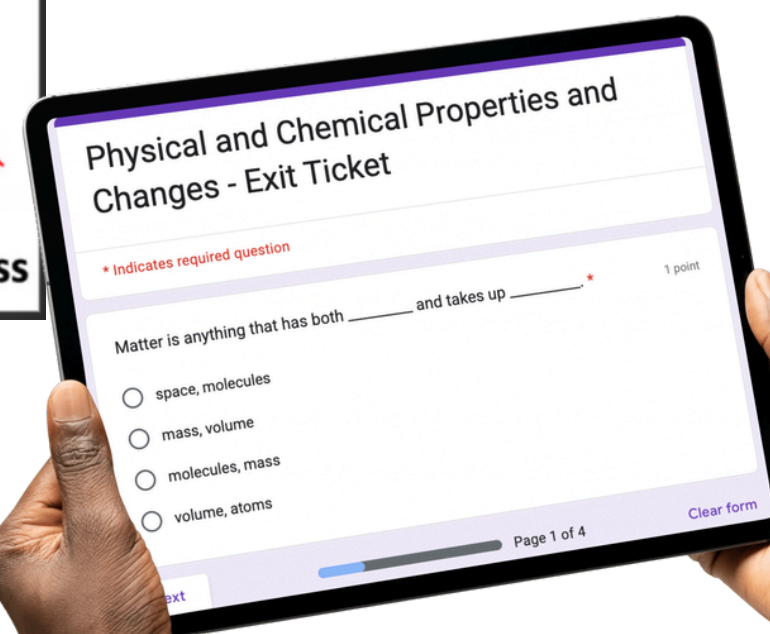
Student Notes



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



Engaging Activities

- Labs
- Lab Station Activity
- Crossword and Word Search
- Reading Comprehension Passage and Questions
- Digital Scavenger Hunt
- Review Activities
- Worksheets and Homework

Counting Atoms in Compounds

TWF

Includes:

- 16 practice questions with solutions
- Step-by-step walkthrough on how to count atoms in compounds
- 3 fully-worked examples
- Word, PDF, and Google versions
- One-click to create a copy of the worksheet in your Google Drive

Ionic Compounds Cipher Puzzle

- Students solve problems to discover a secret message
- NO PREP, NO MARKING, NO MATERIALS

NO PREP, MATERIALS, OR MARKING

Lewis Dot War – A fun and exciting review game

Atoms, Elements, and the Periodic Table Crossword Puzzle

TWF

- 15 - Term Crossword
- Includes 2 Versions
 - Version 1 - No Word Bank
 - Version 2 - Includes a Word Bank

Science Word Sprint!

Physical and Chemical Properties and Changes

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

TWF

Cleaning up Acid Spills

Scientific Reading Comprehension Article

Improve your students **Scientific Literacy** and **Analysis Skills**, use as an **Emergency Substitute**

PHYSICAL & CHEMICAL PROPERTIES AND CHANGES

LAB STATION ACTIVITY

7 Print-Ready Stations | JUST PRINT & GO

Over 14

Device-Based Scavenger Hunt

Chemical Reactions

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

Crash Course Chemistry #4: The Periodic Table

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

WATCH VIDEO

The Periodic Table of the Elements

Includes Student Copy and Answer Keys

Daily Teaching Schedule

Day-by-day teaching schedule so you'll know what to teach and when each day. Plus many additional activities + Quiz + Unit Test

Grade 10 SNC2D Science Chemistry Unit

Day 1:

- Teach - Lesson 1 - Physical and Chemical Properties/Changes
 - [Video - Lesson 1 - Physical and Chemical Properties/Changes](#)
- Physical and Chemical Properties Demonstrations
- Physical and Chemical Properties Worksheet

Day 2:

- Physical and Chemical Properties & Changes Lab Station Activity - 50 minutes
- Properties of Matter Handout
- HW:
 - Properties of Matter Handout

Day 3:

- Teach Lesson 2 – Periodic Table and Bohr Rutherford
 - [Video Lesson 2 – Periodic Table and Bohr Rutherford](#)
- Draw first 20 BR diagrams or Periodic Table Stumper
- Alternative activity: Atoms, Elements, and the Periodic Table Crossword

Day 4:

- Teach Lesson 3 - Lewis Structures
 - [Video - Lesson 3 - Lewis Structures](#)
- Lewis Structures for first 20 then Lewis Structure War

Day 5:

- Teach Lesson 4 – Ions
 - [Video – Lesson 4 - Ions](#)
- Ions Worksheet
- HW:
 - Ions Worksheet

Day 6:

- Quiz Lesson 4 and Counting Atoms - NEXT DAY
- Lewis Structure Worksheet (Lesson 3 Folder)
- Counting Atoms Worksheet

Day 7:

- Quiz Lesson 4 and Counting Atoms - TODAY
- Teach – Lesson 5 – Ionic Compounds
 - [Video - Lesson 5 – Ionic Compounds](#)

Day 8:

- **QUIZ LESSON 5, 2 DAYS**
- Finish Lesson 5 - Ionic Compounds
- Ionic Compounds Worksheet
- HW:
 - Ionic Compounds Worksheet
 - Study for Quiz - Lesson 5

Day 9:

- **QUIZ LESSON 5 NEXT DAY**
- Ionic Compounds and Formula (worksheet) - start
- Ionic Compounds Cipher Puzzle
- HW:
 - Finish Ionic Compounds and Formula
 - Ionic Compounds Cipher Puzzle

Day 10:

- Teach Lesson – Lesson 6 – Polyatomic Compounds
 - [Video – Lesson 6 – Polyatomic Compounds](#)
- Ionic and Polyatomic Compounds Cipher Puzzle
- Ionic Compounds with Polyatomics Worksheet
- HW:
 - Ionic Compounds with Polyatomics Worksheet
 - Ionic and Polyatomic Compounds Cipher Puzzle

Day 11:

- Polyatomic Compounds Exit Ticket and Review Activity (optional)
- Naming Race - Ionic and Polyatomics
- HW:
 - Finish any outstanding questions

Day 12:

- Teach – Lesson 7 - Molecular Compounds
 - [Video - Lesson 7 - Molecular Compounds](#)
- Molecular and Ionic Compounds Worksheet 1
- HW:
 - Molecular and Ionic Compounds Worksheet 1

Day 13:

- **QUIZ NEXT DAY - Ionic, Polyatomic, Molecular Compounds**
- Ionic, Polyatomic, Molecular Compounds Cipher Puzzle
- Molecular and Ionic Compounds Worksheet 2
- HW:
 - Any worksheets you didn't complete
 - Study for quiz next day - Ionic, Polyatomic, Molecular Compounds

Day 14:

- **Quiz - Ionic, Polyatomic, Molecular Compounds**
- Naming Race - Ionic, Polyatomics, and Molecular

Day 15:

- Teach Lesson 8 – Chemical Reactions
 - [Video - Lesson 8 – Chemical Reactions](#)
- Chemical Reactions Worksheet w Answers
- Chemical Reactions Worksheet w Answers 2
- HW:
 - Complete the worksheets

**If you want to give your students an activity on Chemical Reactions, assign Chemical Reactions – Digital Scavenger Hunt Activity

Day 16:

- Teach - Lesson 9 - Balancing Chemical Equations
 - [Video - Lesson 9 - Balancing Chemical Equations](#)
- Balancing Chemical Reactions worksheet
- HW:
 - Balancing Chemical Reactions worksheet

Day 17:

- Chemical Reactions and Balancing Quiz NEXT DAY
- Balancing Chemical Equations Worksheets 2
- Balancing Chemical Reactions Exit Ticket and Review Activity (optional)
- HW:
 - Complete balancing worksheets
 - Study for Quiz

Day 18:

- Chemical Reactions and Balancing Quiz TODAY
- Teach – Lesson 10 - Types of Chemical Reactions Part 1
 - [Video Lesson 10 - Types of Chemical Reactions Part 1](#)
- Chemical Reactions Worksheet
- HW:
 - Chemical Reactions Worksheet

Day 19:

- Teach Lesson 10 - Types of Chemical Reactions Part 2
 - [Video - Lesson 10 - Types of Chemical Reactions Part 2](#)
- Classifying Reactions Worksheet 2
- HW:
 - Classifying Reactions Worksheet 2

Day 20:

- Law of Conservation of Mass Lab

Day 21:

- Teach Lesson 11 – Acids, Bases, and Neutralization Lesson
 - [Video Lesson 11 – Acids, Bases, and Neutralization Lesson](#)
- Make Red Cabbage Indicator in preparation for the lab tomorrow

Day 22:

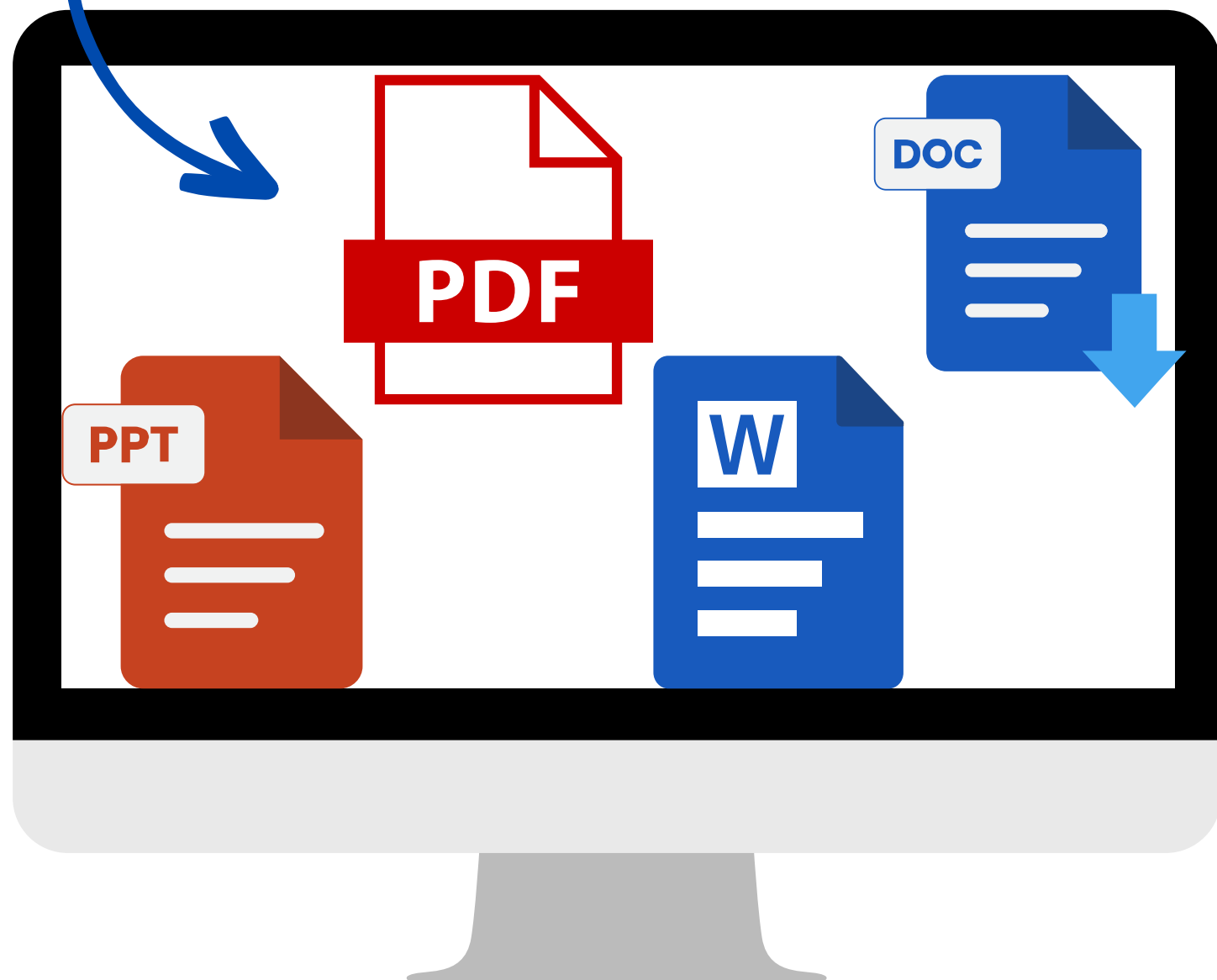
- pH and Neutralization Lab

Day 23:

- Chemistry Test

Chemistry Curriculum

Office, Google,
and PDF Versions



Interactive and
engaging



Fully Editable

Upload everything directly
to your Google Classroom

Ontario Grade 10 Chemistry Curriculum

Complete 5-Week Unit
Include a Daily Teaching Schedule
Lessons, Activities, Projects, 4
Quizzes, 1 Unit Test (with answer key)
Google & Print Ready and Aligned
to NGSS
Make your students love chemistry!

NO PREP
EVERYTHING I USE TO TEACH
GRADE 10 CHEMISTRY IN ONTARIO

Complete Presentations
+ Video Lessons

Teaching Schedule, Activities, & Labs

Exit Tickets

Daily Teaching Schedule, Activities, Labs, Quizzes, Unit Test

Grade 10 SNC2D Science Chemistry Unit

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Ionic Compounds Cipher Puzzle

Device-Based Scavenger Hunt Chemical Reactions

100% Digital

Quizzes

Games

Word Scramble

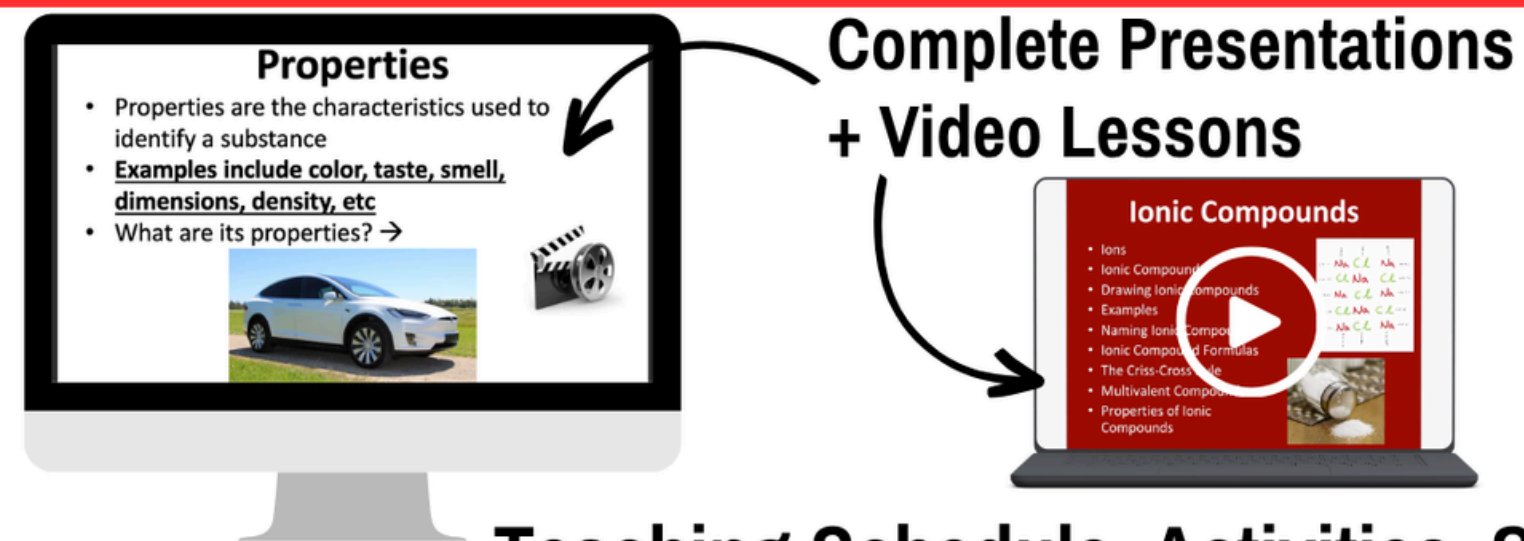
and more

Over 145 Units Sold!

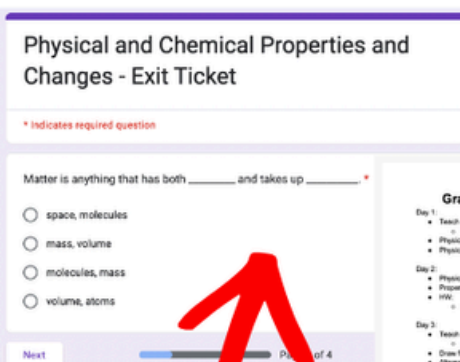


What Will Your Students Learn?

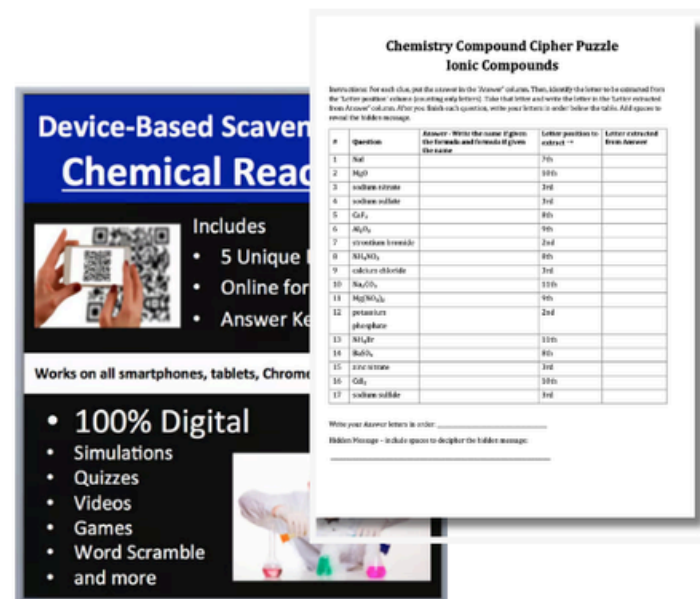
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Teaching Schedule, Activities, & Labs



**Exit
Tickets**



- Physical/Chemical Properties and Changes
- The Periodic Table and Bohr Rutherford Diagrams
- Lewis Structures & Ions
- Ionic, Polyatomic, & Molecular Compounds
- Chemical Reactions including Balancing and Types of Chemical Reactions
- Acid, Bases, and Neutralization Reactions

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

I am a real person and if
you have any questions,
suggestions, or concerns,
please reach out.



devon@teachwithfergy.com

TWF

Teach With Fergy

*Let's
Connect!*

