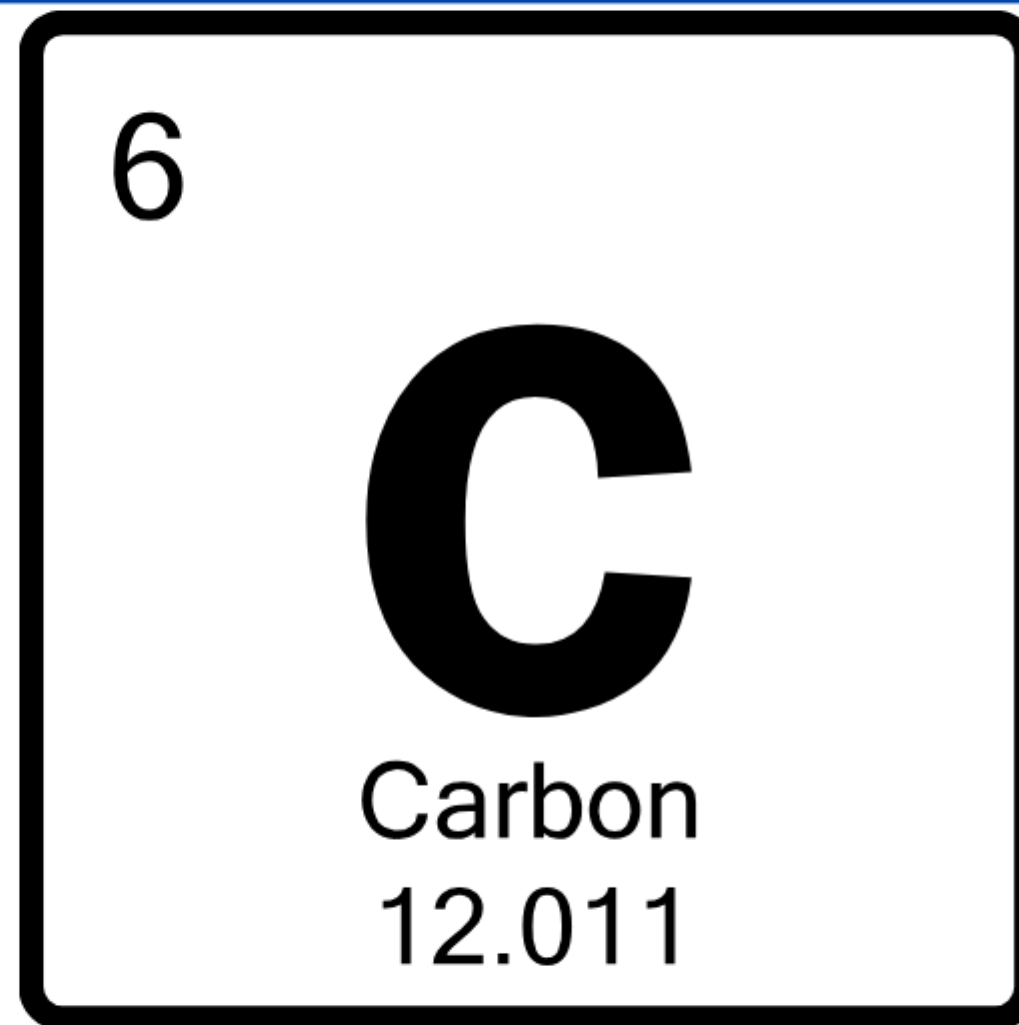


Atomic Structure and Atomic Notation Lesson

Grade 7-9

No-Prep & Fully Editable



- ✓ Interactive & Video-Enhanced
- ✓ Google & Office Compatible
- ✓ Assessment Included

Over 290 Units Sold!

“★★★★★ Extremely satisfied - Wonderful, easy to use resource. Thank you so much!”

SCROLL
to take a look inside!



HOW THIS LESSON HELPS YOU

- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Provides Built-In Assessments** - The auto-graded exit ticket lets you quickly check for understanding.
- **Provides Applicability** - the lesson includes multiple examples of real-life applications.

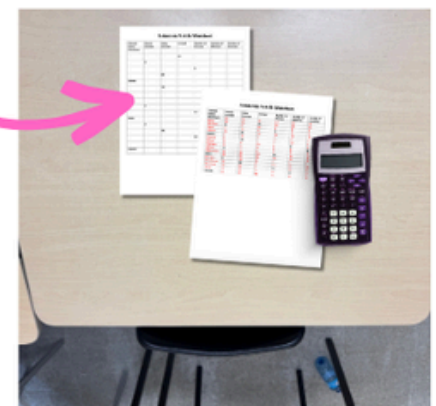
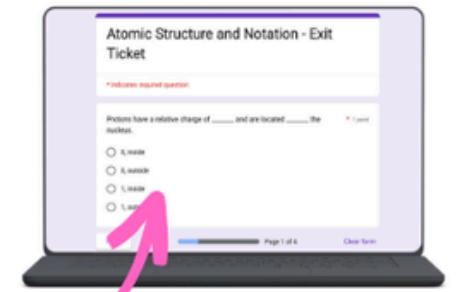
NO PREP

✓ **Simply Download and Project/Upload** to your class site.

✓ **Assessment Included**
4-question Exit Ticket and worksheet

✓ **Interactive & Video-Enhanced**

✓ **Google, Office, & PDF**



★★★★★ **Extremely satisfied - Great lesson plan, great video, and wonderful powerpoint.** ”

- ★ A Complete, Fully-Editable Lesson & Student Notes
- ★ Teacher and Student Versions of your Lesson with Embedded Videos
- ★ Auto-Graded Exit Ticket and Worksheet

What You Get

ATOMIC STRUCTURE AND ATOMIC NOTATION LESSON TEACHER & STUDENT VERSION



“

★★★★★ Extremely satisfied - Wonderful, easy to use resource. Thank you so much!

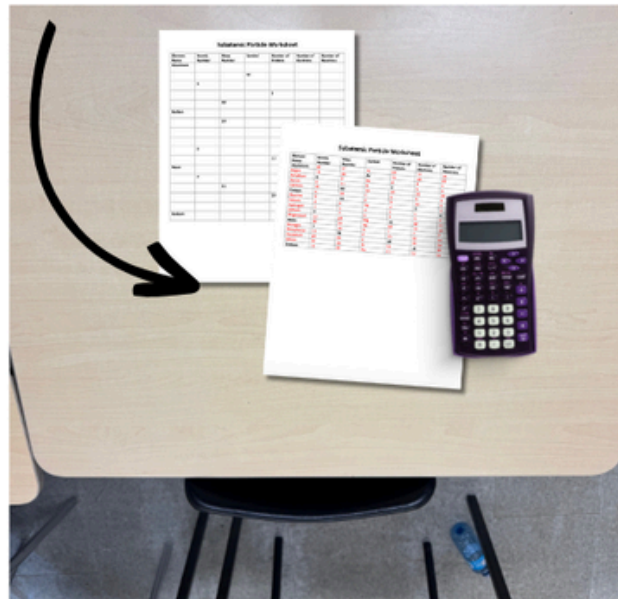
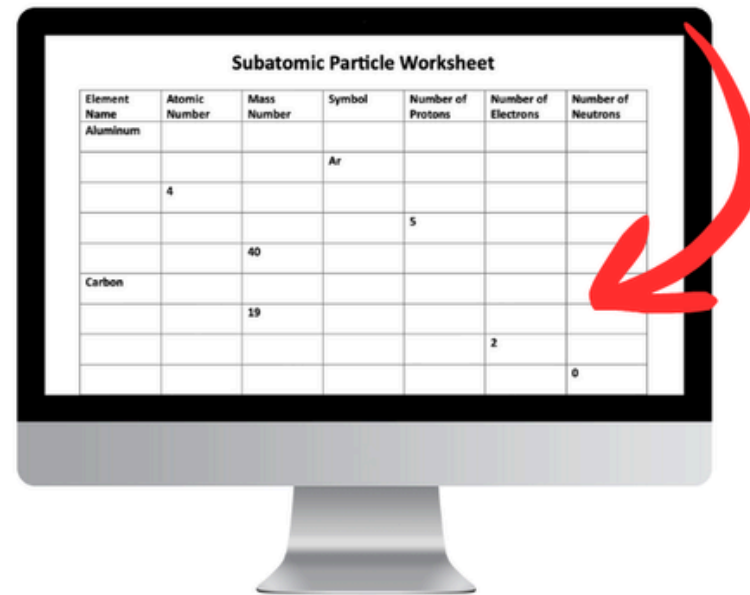
★★★★★ Extremely satisfied - The lessons and the powerpoint were very helpful to develop understanding!

”

What Will Your Students Learn?

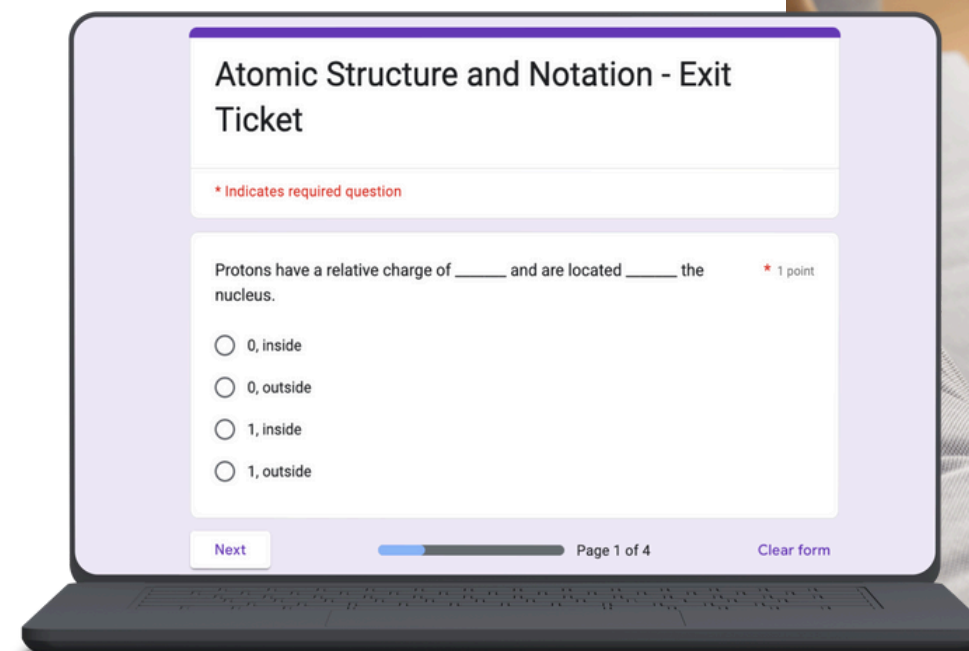
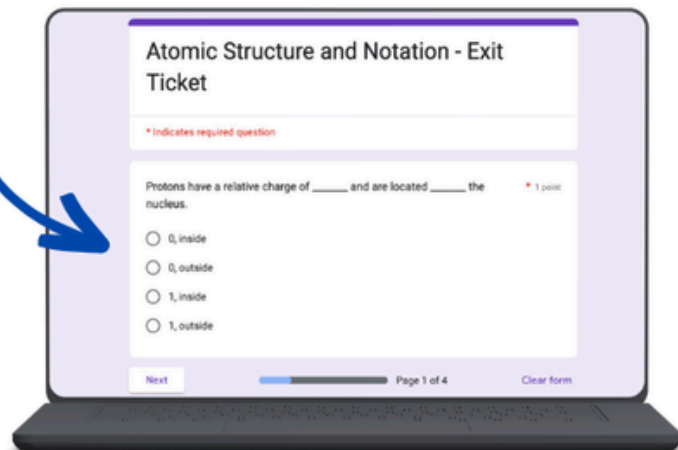
- ✓ Atoms and the Nucleus
- ✓ Protons, Neutrons, and Electrons
- ✓ Atomic and Mass Number
- ✓ Atomic Symbols
- ✓ Calculations

TWO Worksheets



4-Question Auto-Graded Exit Ticket

Office, Google, and PDF Versions



Atomic Structure and Notation – Student Lesson Outline

Atoms

- Atoms are the building blocks of all matter
- An atom is made up of smaller bits called subatomic particles which include...

Name	Charge	Position	Mass

Structure of an Atom - Nucleus

- Where the protons (positive charge) and neutrons reside
- Protons were the first discovered
- _____

Structure of an Atom - Proton

- Protons (blue) have a positive (+) charge
- _____
- Have a relative mass of 1
- Determines the atomic number

Structure of an Atom - Neutron

- _____
- They're found inside the nucleus
- They have a relative mass of 1
- Determines the isotope
- Isotopes are two of the same element with different masses

Structure of an Atom - Electron

- _____
- They're found orbiting outside the nucleus
- They have a relative mass of 0
- Determines the ion

Atomic Number

- _____
- The "atomic number" of an element is the number of protons
- _____

Atomic Number

Find the following elements on your periodic table and confirm the atomic number

Element	Atomic #
Carbon	
Phosphorus	
Gold	

Google Access

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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.

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One-Click Google Slides Access**

Student Notes in Word

1-Click Google Access

Videos embedded in your slides

Teacher and Student Versions of the Lesson

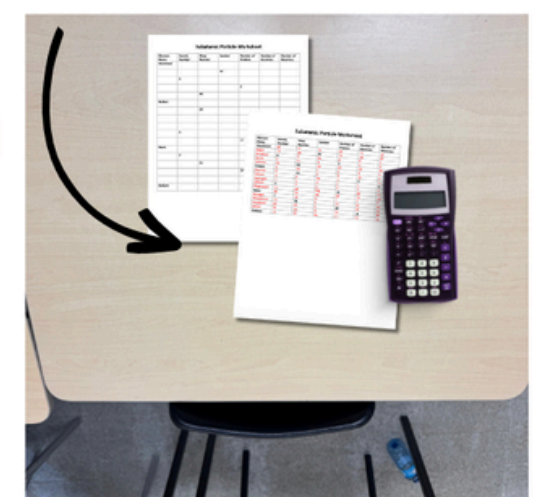
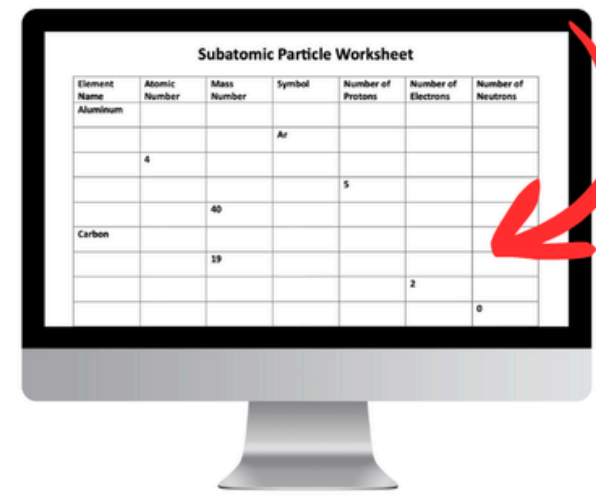
ATOMIC STRUCTURE AND ATOMIC NOTATION LESSON
TEACHER & STUDENT VERSION



★★★★★ Extremely satisfied - Wonderful, easy to use resource. Thank you so much!

★★★★★ Extremely satisfied - The lessons and the powerpoint were very helpful to develop understanding!

TWO Worksheets



WHAT TEACHERS SAY

★★★★★ Extremely satisfied - Loved the straight forward and concise material - my students were able to follow along very nicely.

★★★★★ Extremely satisfied - Easy for my students to use and understand.

★★★★★ Extremely satisfied - Very helpful! My students learned so much just by completing this worksheet

★★★★★ Extremely satisfied - Amazing product! Thanks for helping this ENGLISH teacher survive teaching high school Chemistry for 2 months (a story in itself)!

★★★★★ Extremely satisfied - The lessons and the powerpoint were very helpful to develop understanding!

★★★★★ Extremely satisfied - Wonderful, easy to use resource. Thank you so much!

★★★★★ Extremely satisfied - Great lesson plan, great video, and wonderful powerpoint.

★★★★★ Extremely satisfied - Thank you so much for creating this resource. You obviously put a lot of time and effort into it. I am so grateful for your efforts to make life easier for me. We used this resource each bell. I loved the ease and ability to edit and modify for the needs of my group. Thanks so much.

Upgrade to the Chemistry Mega Bundle

Get the lesson, teaching timeline, plus additional activities, and assessments inside the Chemistry Mega Bundle.

Everything You Need to Teach Chemistry

Complete Lessons

Activities

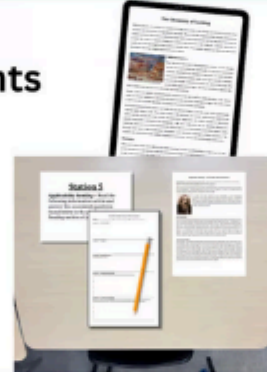
Labs

Projects



Fun and Interactive

- Lab Stations
- Scavenger Hunts
- Readings
- Assessments



★★★★★ Extremely satisfied - It is my first year teaching chemistry and this has been my go to resource. Zero complaints, everything is laid out well and the material is thorough. Great resource.

NO PREP
Just Download and Teach

Chemistry Unit - Daily Teaching Schedule

This teaching schedule is intended to help you plan your lessons. Each lesson is broken down into sections that you can use as needed. The schedule is designed to be flexible and can be adjusted to fit your needs.

Lesson 1: Matter and Chemical Properties

Lesson 2: Physical and Chemical Properties

Lesson 3: Physical and Chemical Properties

Lesson 4: Physical and Chemical Properties

Lesson 5: Physical and Chemical Properties

Lesson 6: Physical and Chemical Properties

Lesson 7: Physical and Chemical Properties

Lesson 8: Physical and Chemical Properties

Lesson 9: Physical and Chemical Properties

Lesson 10: Physical and Chemical Properties

Lesson 11: Physical and Chemical Properties

Lesson 12: Physical and Chemical Properties

Lesson 13: Physical and Chemical Properties

Lesson 14: Physical and Chemical Properties

Lesson 15: Physical and Chemical Properties



Daily Teaching Instructions

Chemistry Curriculum BUNDLE

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- ✓ Comprehensive Lesson Packages
- ✓ 5E Lessons & Hands-On Labs
- ✓ Engaging and Interactive Activities



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