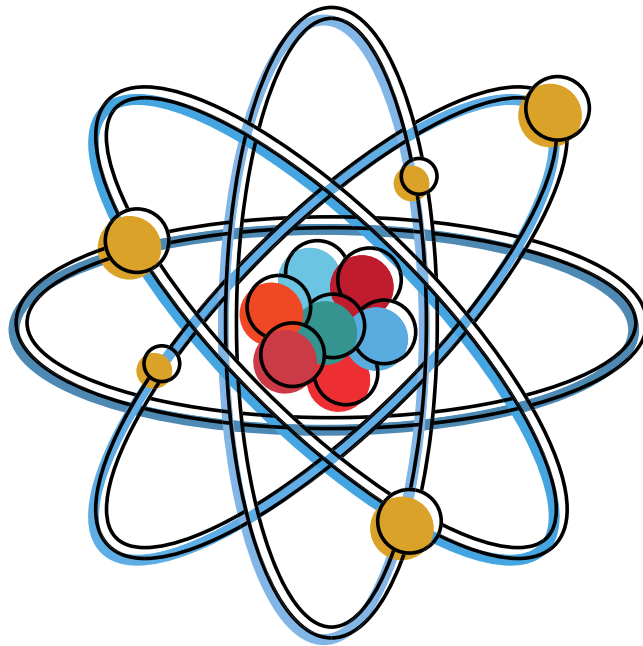


TEKS Grade 7 - S.7.6.A

Atoms, Elements, and Compounds

- ✓ 7th Grade Science TEKS Curriculum Bundle
- ✓ Variety of Lesson and Activity Types
- ✓ Digital + Printable Formats



NEW 2024

Resources Included

- ✓ **Complete S.7.6.A - 7th Grade Science TEKS Curriculum.**
- ✓ **Variety of Lesson Types** - Includes lessons, activities, assessments, and more.
- ✓ **Daily Teaching Timeline Included** - Includes a ready-to-go, daily teaching timeline.
- ✓ **Digital + Printable Formats** - Ideal for classroom, hybrid, or remote learning environments with flexible access options.

Daily Teaching Timeline Included

Atomic Structure and Notation

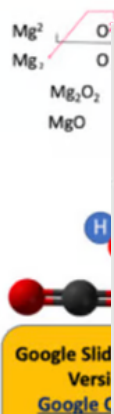
- Atoms and subatomic particles
 - Protons, Neutrons, and Electrons
- Atomic Number
- Atomic Mass
- Isotopes
- Calculating Average Atomic Mass
- Periodic Table Notation
- Chemical Symbol



Google Slides and
PowerPoint Versions
Included
Google Classroom Ready

Chemical Symbols, Formulas & Compounds

- Symbols
- Element Names
- Counting Atoms
- Naming Compounds
- Combining Capacity
- Building a Molecule
- Criss-Cross Rule
- Naming Compounds



Atoms, Elements, and Compounds

Digital Interactive Notebook

Chapter 1 – Particle Theory and Classification of Matter
Chapter 2 – Atomic Theory
Chapter 3 – Atomic Structure and Notation

100% Digital and Interactive

Build

Build

Chapter 4 – The Periodic Table
Chapter 5 – Chemical Symbols, Formulas, and Compounds

TEKS – Grade 7

S.7.6 Matter and energy. Matter and energy. The student distinguishes between elements and compounds, classifies changes in matter, and understands the properties of solutions. The student is expected to:

S.7.6.A - The student is expected to compare and contrast elements and compounds in terms of atoms and molecules, chemical symbols, and chemical formulas.

Resources:

- *Atomic Structure and Notation – Lesson*
 - *Subatomic Particle Worksheet*
- *Chemical Symbols, Formulas and Compounds – Lesson*
 - *Counting Atoms Worksheet*
- *Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle*
 - *Chapter 1 - The Particle Theory and Classification of Matter*
 - *Chapter 2 - Atomic Theory*
 - *Chapter 3 - Atomic Structure and Notation*
 - *Chapter 4 - The Periodic Table*
 - *Chapter 5 - Chemical Symbols, Formulas, and Compounds*

TEKS Science Daily Teaching Plan

Lesson Length: 55 minutes

Timeframe: 2 Weeks, 10 Days

Day	Lesson/Activity
Day 1	Atomic Structure and Notation – Lesson Subatomic Particle Worksheet
Day 2	Atomic Structure and Notation – Lesson Subatomic Particle Worksheet
Day 3	Chemical Symbols, Formulas and Compounds – Lesson Counting Atoms Worksheet
Day 4	Chemical Symbols, Formulas and Compounds – Lesson Counting Atoms Worksheet
Day 5	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Chapter 1 - The Particle Theory and Classification of Matter
Day 6	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Chapter 2 - Atomic Theory
Day 7	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Chapter 3 - Atomic Structure and Notation
Day 8	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Chapter 4 - The Periodic Table
Day 9	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Chapter 5 - Chemical Symbols, Formulas, and Compounds
Day 10	Atoms, Elements, and Compounds - Digital Interactive Notebook Bundle Review and Practice Activities

Who is this Bundle for?

- **Teachers who teach 7th grade science in Texas**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to prepare their students for the STAAR Science Exam**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**

