



Chemistry Unit 3 - NEW Atoms to Power Links to Instructional Materials for All Tasks [English, Spanish, WCAG]



Restricted-access materials are for teachers only. These materials include assessments and answer keys. To request access to the restricted folder, please visit the [Restricted Access page and fill out the Google form.](#)

[Link to the Patterns Chemistry Website.](#)

TS0 - Unit Documents

1. [C.3.0 *Unit 3 Outline - Atoms to Power - Patterns Chemistry](#) [WCAG]
2. [C.3.0 Atoms to Power Vocabulary](#) [Spanish, WCAG]
3. [C.3.0 Unit 3 Rubrics](#) [Spanish, WCAG]
4. [C.3.0 Unit 3 Tracker for Chemistry](#) [Spanish, WCAG]
5. [C.3.0 Unit 3 Walk-Through](#)
6. [C.3.0 Unit 3 INB](#) [Spanish, WCAG]
7. [C.3.0 Unit 3 PreAssessment](#) [Spanish]

TS1 - Unit Opener

1. [C.3.1 Unit Opener Student Template](#) [Spanish, WCAG]
2. [C.3.1 Unit 3 Opener Slides](#) [Spanish, WCAG]

TS2 - Periodic Table Card Sort (Create a Table)

1. [C.3.2 TS2 Teacher Notes](#)
2. [C.3.2 Create a Table Activity](#) [Spanish, WCAG]
 - a. [Answer Key](#)
3. [C.3.2 Periodic Table Card Sort to Print](#) [Spanish, WCAG]
 - a. [Answer Key](#)
4. [C.3.2 Unit 3 - Create a Table - Slides](#) [Spanish, WCAG]
5. Engagements
 - a. [C.3.2 Engagement 2.1](#) [Spanish, WCAG]
 - b. [C.3.2 Engagement 2.2](#) [Spanish, WCAG]
 - c. [C.3.2 Engagement 2.3](#) [Spanish, WCAG]
 - d. [C.3.2 Engagement 2.4](#) [Spanish, WCAG]
 - e. [C.3.2 Engagement 4.1](#) [Spanish, WCAG]
 - f. [C.3.2 Engagement 4.2](#) [Spanish, WCAG]
 - g. [C.3.2 Engagement 4.3](#) [Spanish, WCAG]
6. Arts Integration
 - a. [C.3.2 Chemistry Elements Song Music Writing Presentation](#)
 - b. [C.3.2 Chemistry Elements Song Music Writing - Teacher Notes](#)

TS3 - Flame Test Lab

1. [C.3.3 TS3 Teacher Notes](#)
2. [C.3.3 Electron Configuration Practice Problems](#) [Spanish, WCAG]
3. [C.3.3 Flame Test Student handout \(short\)](#) [Spanish, WCAG]
4. [C.3.3 Flame Test Student handout \(with frequency calculations\)](#) [Spanish, WCAG]
5. [C.3.3 Khan Article: Electron Configuration](#) [Spanish, WCAG]

TS4 - Periodic Trends

1. [C.3.4 TS4 Teacher notes \(new Desmos version\)](#)
2. [C.3.4 New Periodic Trends Activity - Presentation '25](#) [Spanish, WCAG]
3. [C.3.4 New Periodic Trends Activity Student Template '25](#) [Spanish, WCAG]
 - a. [Answer Key](#) [Spanish]
4. [C.3.4 Periodic Trends Spreadsheets](#) [Spanish]
5. [C.3.4 Periodic Trends Data Discussion Script](#) [Spanish, WCAG]
 - a. [Answer Key](#) [Spanish]
6. [C.3.4 Periodic Trends Practice](#) [Spanish, WCAG]
 - a. [Answer Key](#)
7. [C.3.4 Metal Pairings Making Sense Document](#) [Spanish]
8. [C.3.4 Periodic Trends Activity Mastery Student Exemplar](#) [Spanish]
9. [C.3.4 Periodic Table Puzzle](#) [Spanish]
10. [C.3.4 Guided questions to understand trends \(shorter\)](#) [Spanish]
11. [C.3.4 Trends on the Periodic Table Coloring Review](#) [Spanish]

TS5 - Engineering - Revised Battery Engineering Project

1. [C.3.5 TS3 Teacher Notes](#)
2. [C.3.5 Battery Data Board Meeting Slides](#) [Spanish, WCAG]
3. [C.3.5 Battery Engineering Student Portfolio Template](#) [Spanish, WCAG]
4. [C.3.5 Build an Emergency Battery Slides](#) [Spanish, WCAG]
5. [C.3.5 What electrolyte is best for my battery?](#) [Spanish, WCAG]
6. [C.3.5 What is the best surface area for the metals?](#) [Spanish, WCAG]
7. [C.3.5 What metals are best for the battery?](#) [Spanish, WCAG]
8. [C.3.5 Battery Engineering Student Portfolio Example](#) [Spanish]
9. [C.3.5 Battery Parameter Testing Example Data](#) [Spanish]

TS6 Assessment

1. [C.3.6 Unit 3 Test \(Original\)](#) [Spanish]
2. [C.3.6 Unit 3 Test \(Periodic Table & Trends Updated '25\)](#) [Spanish]
 - a. [Answer Key](#) [Spanish]
3. [C.3.6 Unit 3 Test BANK](#) [Spanish]

TS7 Arts Integration Project (optional)

1. [C.3.7 Graph Art: What's the Bigger Picture? Arts Integration - Lesson Plan](#) [Spanish]
2. [C.3.7 Graph Art: What's the Bigger Picture? Arts Integration- Presentation](#) [Spanish]
3. [C.3.7 Graph Art: Graph Set for Patterns Chemistry Unit 3: Nuclear Chemistry](#)
4. [C.3.7 Graph Art: What's the Bigger Picture - Graph Analysis](#) [Spanish]

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