

Complete 5E Lesson Bundle

- Lessons
- Activities
- Assessment

SCROLL
to take a look inside!

THE PERIODIC TABLE 5E LESSON BUNDLE

PERIODIC TABLE OF THE ELEMENTS

	14	Group IUPAC
	IVA	Group CAS
Atomic Number	6	
Symbol	C	Selected Oxidation States
Name	Carbon	
Electron Configuration	1s ² 2s ² 2p ²	Atomic Mass
	12.011	

Covers Key Periodic Table Terms & Topics

- Lessons
- Activities
- Assessment

Teach With
Fergy

Covers Key Periodic
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Teach With
Fergy

The 5 E's



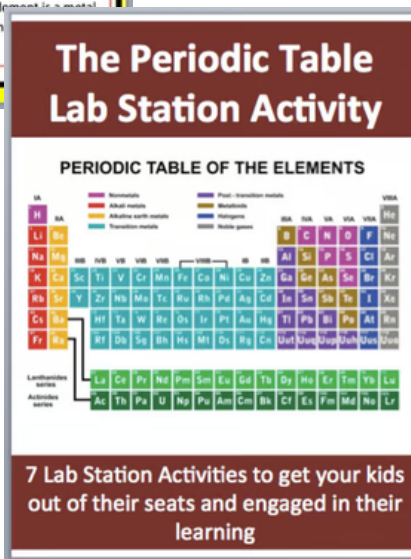
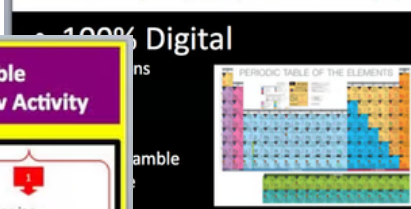
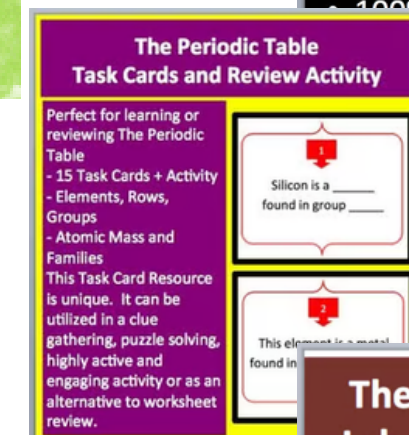
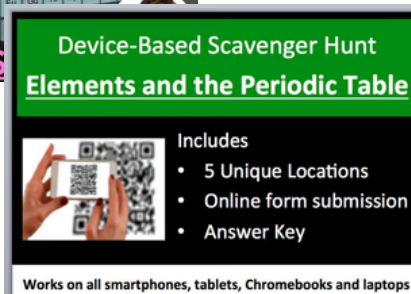
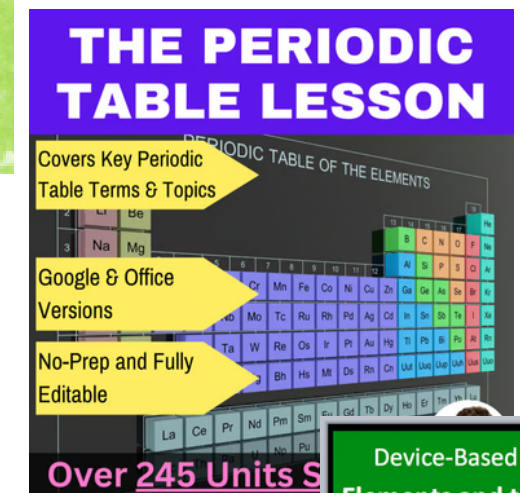
✓ **Engagement Phase** - Creates interest and excitement for your students by asking questions and probing their initial conceptions.

✓ **Exploration Phase** - Students use and develop creative thinking skills, make observations, record results, and make connections through an investigation → Lab Station Activity

✓ **Explanation Phase** - This is the instructional phase where concepts are presented to the students in a clear and applicable way → Lesson.

✓ **Elaborate Phase** - This phase involves the students completing an activity or assignment that forces them to expand their thinking and knowledge of the topic. They will propose solutions and extend their learning to new situations → Scavenger Hunt Activity

✓ **Evaluate Phase** - Your students will demonstrate their understanding and evaluate their own progress through an assessment → activity, assignment, or quiz.



MY 5E LESSON BUNDLES

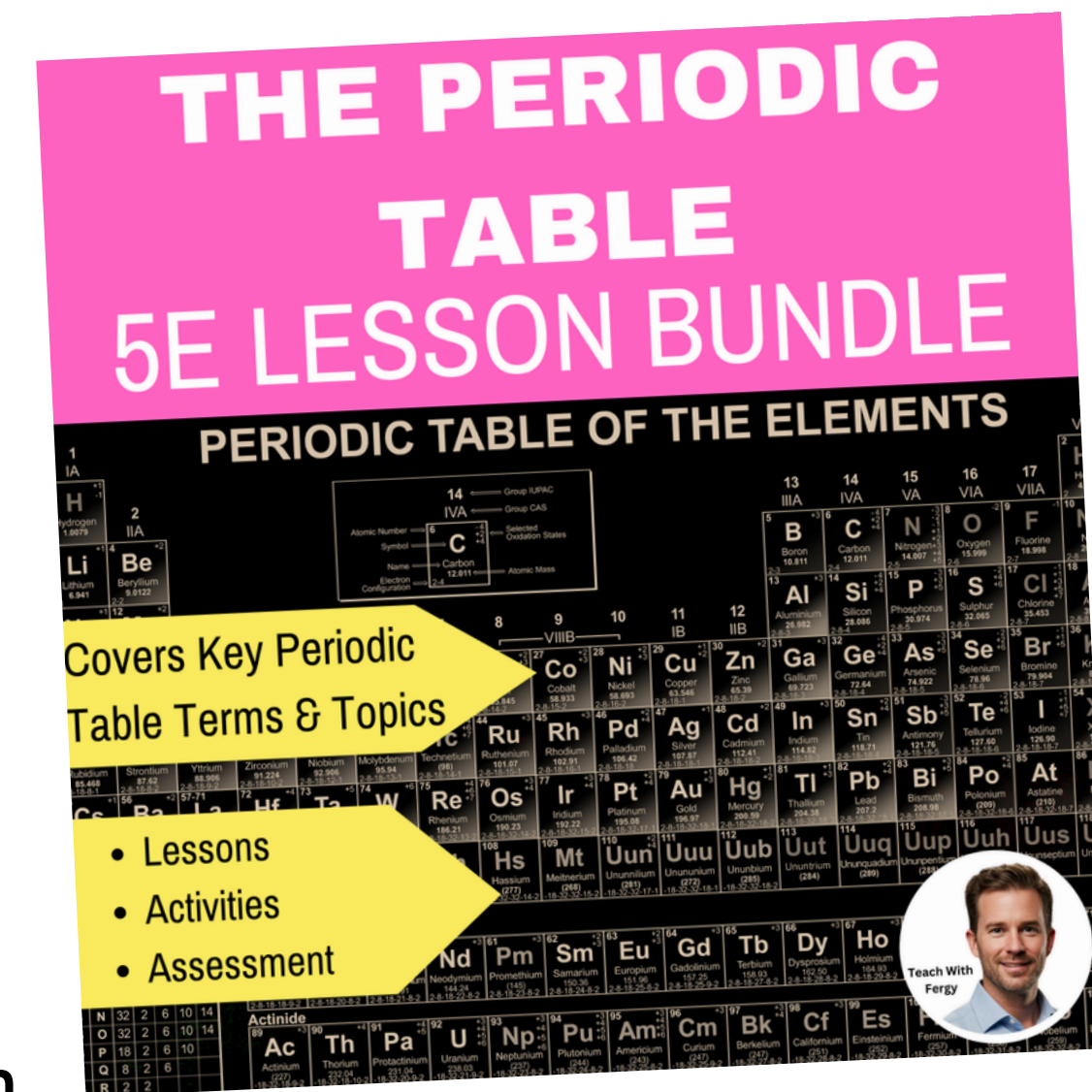
SOLVE...

- ★ **Prep-time crunch** — ready-to-use slides, stations, hunts, and quiz cut planning to near zero.
- ★ **Engagement** — hands-on stations + device-based hunts keep students active and curious.
- ★ **Unit flow** — 5E structure (Engage → Evaluate) gives a coherent, day-by-day sequence.
- ★ **Assessment** — activities, assignments, and auto-graded quizzes, provide evidence of learning that is quick to mark.
- ★ **Differentiation** — multiple modalities + scaffolded activities and lessons support mixed abilities.



5E LESSONS PROVIDE DIFFERENTIATED INSTRUCTION IN THEIR VERY NATURE. BY THE END OF THIS BUNDLE, STUDENTS WILL:

- ✓ Understand the History and Organization of the Periodic Table - Explore how Mendeleev's work led to the modern arrangement of elements.
- ✓ Interpret Element Squares – Learn how to identify atomic number, atomic mass, and symbol meanings.
- ✓ Differentiate Metals, Nonmetals, and Metalloids – Classify elements by shared physical and chemical properties.
- ✓ Analyze Groups, Families, and Period Trends – Discover patterns in element properties across rows and columns.
- ✓ Apply Knowledge Through Inquiry and Practice – Engage in hands-on lab stations, scavenger hunts, and quizzes to reinforce and evaluate understanding.



1 Engaging Lesson

THE PERIODIC TABLE LESSON

Covers Key Periodic Table Terms & Topics

Google & Office Versions

No-Prep and Fully Editable

Over 245 Units Sold!



Google Access

Thank you for your purchase. Clicking the link button below will automatically create a copy of the Google resources and place them into your Google Drive. You'll find the folder inside the 'Shared with me' section on the left side of your Drive.

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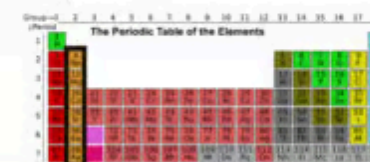
TWF

Google Classroom Ready
One-Click Google Slides Access

THE PERIODIC TABLE TEACHER & STUDENT VERSION

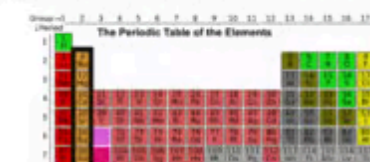
Alkaline Earth Metals

- They are very reactive but not as reactive as Alkali Metals
- **They have two valence electrons**
- Alkaline earth metals include magnesium and calcium, among others



Alkaline Earth Metals

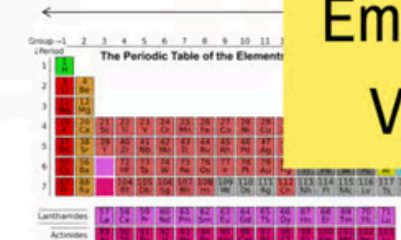
- They are very reactive but not as reactive as Alkali Metals
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VIDEOS EMBEDDED INTO YOUR SLIDES

Rows and Periods

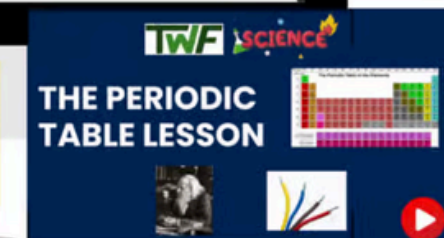
- Elements in the periodic table are also grouped into rows or periods
- The periods are numbered 1-7
- **Elements within a period do not share common characteristics**
 - This is because they each have a different number



Embedded Videos



Full Lesson Instructional Video Walkthrough included.



★★★★★ Extremely satisfied - This is the perfect resource to teach all about the periodic table and the individual element properties.

3 Engaging Activities



1 Lab Station Activity with 7 Engaging Station Tasks



1 Digital Scavenger Hunt Activity



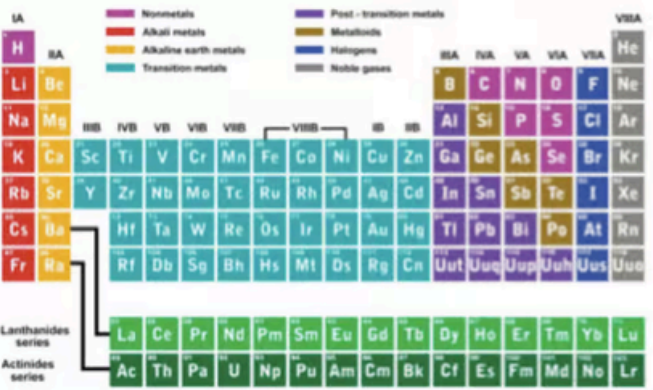
1 Task Card Activity



1 The Periodic Table Quiz

The Periodic Table Lab Station Activity

PERIODIC TABLE OF THE ELEMENTS



7 Lab Station Activities to get your kids out of their seats and engaged in their learning

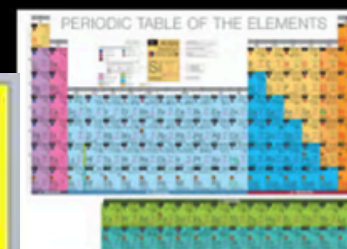
Device-Based Scavenger Hunt Elements and the Periodic Table

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks and laptops

- 100% Digital
- Simulations
- Quizzes



The Periodic Table Task Cards and Review Activity

for learning or reviewing The Periodic

- 15 Task Cards + Activity
- Elements, Rows, Groups
- Atomic Mass and Families

This Task Card Resource is unique. It can be utilized in a clue gathering, puzzle solving, highly active and engaging activity or as an alternative to worksheet review.

1

Silicon is a _____
found in group _____

2

This element is a metal
found in period 4, group 1

Day-by-day teaching schedule so you'll know what to teach and when each day.



”

Each Phase is Clearly Described

Editable and Interactive

Office, Google,
and PDF Versions
Fully Editable

Example Location Screenshots

Scavenger Hunt – Elements and the Periodic Table – Location 1

Video:
Watch the video below and answer the following questions.



1. How many elements were recently discovered?
2. Who first said you can't keep making bigger?
3. What is atomic weight?
4. According to Targem, why can't you make bigger?

Elements and the Location 3

... and choose one of the elements with an
I've clicked your element, you will be taken to a new
... and Atomic Number. For example, Targemium, P
... interesting facts you LEARNED about your story

Engaging and Colorful Lesson

Alkaline Earth Metals

- They are very reactive but not as reactive as Alkali Metals
- They have two valence electrons

Alkaline earth metals include magnesium and calcium, among others

Group → 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Period ↓

1	1	2															10
2	3	4															18
3	11	12															18
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	36
5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	54
6	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	72
7	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	104

Lanthanides
Actinides



Magnesium metal

WHAT TEACHERS SAY

★★★★★ Extremely satisfied - Absolutely love the set up for these lessons! The slides are interactive and engaging for the students and the activities that come with the lesson allow for students to gain deeper understanding of the topic being discussed! These were an essential part of my curriculum for the past two years and I am looking forward to using them again!



★★★★★ Extremely satisfied - I used this with my 9th Grade Physical Science students. Wonderful resource...thank you!

★★★★★ Extremely satisfied - These are great!

