Physical Science Spring 2025

Week 22

January 27 – January 31

Mon 1/27

* PERIODIC TRENDS PPT with FA notes
* Periodic trends sorting lab pages 1 & 2
* Read the Trends as a class, then class works to answer the questions
* Catch up, time permitting

Tu 1/28

* All 4 trends worksheets are copied on different pages & given to teams of four
* The cards are also given to the teams; the cards are cut out and glued onto the trends worksheets and the questions are answered.
* Begin Trends CER- HAVE THIS INFO ON THE BOARD (FOR NEXT CLASS): the title (atomic radius or valence electrons), claim: general observation about the topic; evidence: data about the topic (from the periodic table) & reasoning: conclusion from the claim & evidence (possible time to finish on Friday)

Wed/Thurs

* New periodic table: students create their own periodic trend table from the periodic trend table 🡪 they write the definitions on the back & the trends on the table
* Students get CER practice handout
* From yesterday: On the board is the title (atomic radius or valence electrons), claim: general observation about the topic; evidence: data about the topic (from the periodic table) & reasoning: conclusion from the claim & evidence
* Can guide students through both topics or select just one
* Guided CER of atomic radius & valence electrons, as a class, using previous student results – students can use sample claim or create their own with evidence & reasoning
* Students can use periodic trends reading for evidence from Monday & yesterday’s trend activity

Fri 1/31

* Have your periodic trend periodic table out
* On board at start of class: definition of valence electrons (in last energy level, outside shell) & definition of energy levels (based on period)
* Periodic trends practice problems – worksheet
* Catch up, finish lab, etc.

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