Physical Science Spring 2025

Week 19

January 6 – January10

Second Semester Begins

Mon 01/06

* Vid: The Great Mammoth Mystery (53:16) available on the website at Special Video Links [Great Mammoth Mystery | NOVA | PBS](https://www.pbs.org/wgbh/nova/video/great-mammoth-mystery/))
* Students write 20 facts and turn them in at the bell

Tu 01/07

* The infinite piece of paper activity is completed first and will last 8 to 10 min total time
* Teacher guided activity for the lesson called “Can the same piece of paper be cut into pieces indefinitely?” Promethean can be used for parts of the explanation
* While they are reading the instructions, student teams of 4 get one plain piece of 8 ½ x 1 paper and a pair of scissors
* Instruction on basic structure of the periodic table to include: purpose of stairstep, location of groups/families with names, periods. Metalloids (semiconductors), metals, nonmetals, rare earth (with lanthanide
* Prac: periodic table vocabulary

Wed/Thurs

* Students use their McQ periodic table
* PPT: Atomic structure notes with worksheet FA notes
* Prac: Atomic Structure vocabulary

Fri 01/10

* Instruction on how to read a square on the PT, define ion/ionize, cation, anion, & remind what an isotope is🡪display the charges for the families
* Class activity: Atomic structure practice problems

Prac: atomic structure practice problems page 3 with all worksheets as a single packet

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