

Science Lesson Plan Submission Profile Report

Date Published: 02/09/2009

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1. Lesson Plan Title:

The Periodic Table: What's the Trend?

2. Subject Area:

Chemistry

3. Topic(s):

Periodic table, metals, nonmetals, atomic number, electronegativity, ionization energy, atomic radius

4. Suggested Grade Level:

10th

5. Standards Used and Source:

Source:

NYS Chemistry Core Curriculum

Standard(s) Used:

Standard 4: 3.1v, 3.1y, 3.1aa, 3.1bb; Standard 6: 2.1

6. Size of class:

28+

7. Please List Supplies Used and the number of each (1 per line):

Paper Plates
Label Dots – Size appropriate (protons, neutrons and electrons)
Markers (3 different colors, several of each, for ex. Black, Blue, Red)
Butcher Paper
Masking tape
Pre-made element cards (name, atomic number, symbol, atomic mass, metal/non-metal, trend values) (Download from link on document)

8. Do any of these supplies need to be ordered in advance?

No

9. Which ones? (1 per line)

10. Post the lesson text or link here, or upload the lesson or extra materials in the next section:

11. Upload the file(s) here (gif,jpg,doc,xls,ppt)

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12. Contact Information

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