## Learning Guide 2.2 - Periodic Table



For each element above, list the atomic number, chemical symbol, and atomic mass:

	Thorium	Iodine	Nitrogen	Potassium
Atomic Number				
Chemical Symbol				
Atomic Mass				

Use the periodic table to spell your own word:

How many elements occur naturally on Earth? How many elements have been discovered so far?

Explain how Dmitri Mendeleev organized elements into the periodic table. Why was this such a
brilliant breakthrough in chemistry?
How is today's standard periodic table arranged differently than Mendeleev's table?
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How many groups and periods are on the periodic table?
Colour the metals blue, the non-metals yellow, and the semi-metals green.
Label the Alkali metals.
Label the Alkali Earth Metals.
Label the halogens
Label the noble gasses

