

Cover Sheet | Testing subshell electronic configurations (VCE Unit 1 AoS 1)

Related Key Knowledge or Key Science Skills	the periodic table as an organisational tool to identify... the structures (including shell and subshell electronic configurations and atomic radii) and properties (including electronegativity, first ionisation energy, metallic and non-metallic character and reactivity) of elements
Recommended Time of Activity	Substitute for worksheets (e.g. group and period, subshell configuration, condensed configuration)

Idea: Flip it, so they have to identify the subshell configuration of all the elements, and place them

Activity Authors: Alexander Eastwood, Department of Education, Victoria, and Jarrod Bye, Preston High School, Victoria. More activities and resources available at elementsets.net.

Electronic Configuration

Name:

Complete the following worksheet and check your others using the element samples periodic table.

Element	Subshell Electronic Configuration	Condensed Configuration
Nitrogen (N)		
Magnesium (Mg)		
Sulfur (S)		
Cobalt (Co)		
Selenium (Se)		
Silver (Ag)		
Tungsten (W)		