**CHE2060 FLIP 1.4: Electron configuration[[1]](#footnote-1)**

**VIDEO:**

‘Electron configuration’, Bozeman Science, Paul Andersen

<https://www.youtube.com/watch?v=2AFPfg0Como>

**Please watch the video and then answer these questions:**

1. What is the difference between core and valence electrons?
2. Why does He have a higher ionization energy than H?
3. Why does Li have a lower first ionization energy than H or He?
4. What ‘tool’ does Andersen use to write the configuration of any atom?
5. Explain how he ‘abbreviates’ electron configurations using noble gases.
1. ‘Electron configuration’, Bozeman Science, Paul Andersen

<https://www.youtube.com/watch?v=2AFPfg0Como> [↑](#footnote-ref-1)