**CHE2060 FLIP 1.8: VSPER theory[[1]](#footnote-1)**

**VIDEO:**

‘VSEPR theory: introduction’ Tyler DeWitt

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

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

1. What analogy does Dewitt make to explain the structure of a covalent bond?
2. Do the VSEPR rules ‘care’ whether single, double or triple bonds connect atoms to the structure’s central atom?
3. Beryllium and boron are exceptions to the octet rule. How many valence electrons does it take to satisfy each?
4. How is a free (or unbound) pair of electrons like a covalent bond? Or, why does VSEPR really see them both the same way?

**Note: You can follow up with DeWitt’s great VSEPR practice problems video!**https://www.youtube.com/watch?v=xwgid9YuH58

1. ‘VSEPR theory: introduction’ Tyler DeWitt

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