

## **Spectral Analysis of Elements: Science 9**

Name: \_\_\_\_\_

Use a Spectroscope to observe the Spectra of each of the Gas Emission Spectra tubes located around the room. For each example, draw the spectral lines that you see. If you do not have a coloured pencil or marker to draw the colours that you see, describe the colours of the lines in words.

**The Sun (view the Sun or clouds through the spectroscope): *Diagram of emission Spectrum:***

**Fluorescent Light Bulb (tube light bulb filled with gas - e.g. on the classroom ceiling)  
*Diagram of emission Spectrum:***

**Gas: \_\_\_\_\_ *Diagram of emission Spectrum:***

**Gas: \_\_\_\_\_ *Diagram of emission Spectrum:***

**Gas: \_\_\_\_\_ *Diagram of emission Spectrum:***

**Gas: \_\_\_\_\_ *Diagram of emission Spectrum:***