Group 8 - The Noble Gases

The Group 8 elements are all odourless, colourless, monoatomic gases with a very low chemical reactivity.

**Boiling Points**
- Helium: -269°C
- Neon: -246°C
- Argon: -152°C
- Xenon: -107°C

**The Noble Gases Are All Monoatomic and Rarely Form Compounds**

The noble gases are caused by ionised noble gases.

**Uses of the Noble Gases**
- Balloons
- Neon lights
- Medical lasers
- Camera flashes
- Medical imaging

**Helium**
- Helium is the second most abundant element in the universe.
- 75% He
- 23% Ne
- 1% Ar

**Radon**
- Radon is radioactive and can enter homes through basements after radioactive decay of rocks below the earth.

Helium has the lowest boiling point of all elements in the periodic table: -269°C.