

**Challenge**

**fog**=fluorine and oganesson  
**cob**=cobalt ,oxygen and baron  
**tiny**=titanium, nitrogen and yttrium  
**hob**=hydrogen,oxygen and baron  
**hop**=hydrogen,oxygen and phosphorus  
**tin**=thallium and nitrogen  
**fat**=fluorine and astatine  
**moat**=molybdenum and astatine  
**boat**=baron,oxygen and astatine  
**cat**=carbon and astatine  
**coy**=cobalt and yttrium  
**Boy**=baron,oxygen and yttrium  
**sir**=sulfur and iridium  
**sick**=silicon,carbon and potassium  
**tab**=tantalum and baron  
**sip**=silicon and phosphorus  
**sin**=silicon and nitrogen  
**son**=sulfur,oxygen and nitrogen  
**bin**=baron and indium  
**ten**=tellurium and nitrogen  
**gen**=germanium and nitrogen  
**fine**=fluorine,iodine and neon  
**ben**=beryllium and nitrogen  
**line**=lithium and neon  
**back**=barium,carbon and potassium  
**cop**=carbon,oxygen and phosphorus  
**nap**=sodium and phosphorus (38)  
**in**=iodine and nitrogen  
**cup**=copper and phosphorus

**pin**=phosphorus and indium  
**tan**=tantalum and nitrogen  
**mob**=molybdenum and baron  
**bacon**=boron,actinium,oxygen and nitrogen  
**bun**=baron,uranium and nitrogen  
**fun**=fluorine,uranium and nitrogen  
**pond**=phosphorous,oxygen and neodymium  
**pots**=phosphorous,oxygen and tennessine  
**late**=lanthanum,tellurium  
**silk**=silicon,iodine and potassium  
**candy**=calcium,neodymium and yttrium  
**can**=calcium and nitrogen  
**you**=yttrium,oxygen and uranium  
**Ham**=hydrogen and americium  
**Pace**=protactinium and cerium  
**Ink**=indium and potassium  
**boy**=baron,oxygen and yttrium  
**vote**=vanadium,oxygen and tellurium  
**tip**=thallium and phosphorous  
**bite**=baron,iodine and tellurium

A small selection of the words Chloe provided in a challenge set by the Science department to use the Periodic Table. Well Done Chloe!!