Physical & Chemical Change Revision

Year 8 Chemical Sciences

Physical Change

NO new substance is produced during change



What will happen to these different colours in time?

Changes?

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Types of physical changes

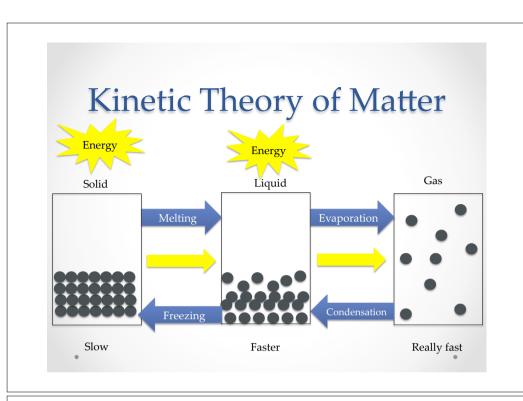
• Shape

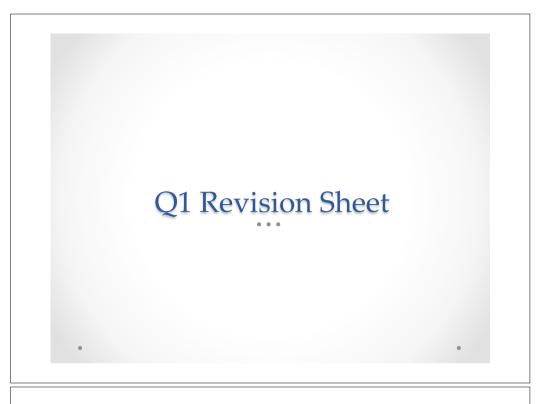


- State
 - Melting-freezing
 - Evaporation and condensation
 - o Sublimation
- Dissolving
 - Solute
 - Solvent
 - Solution









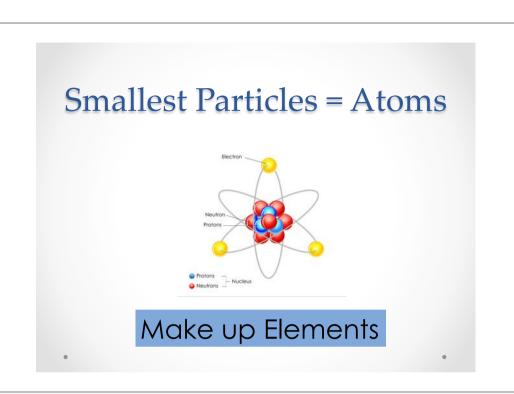


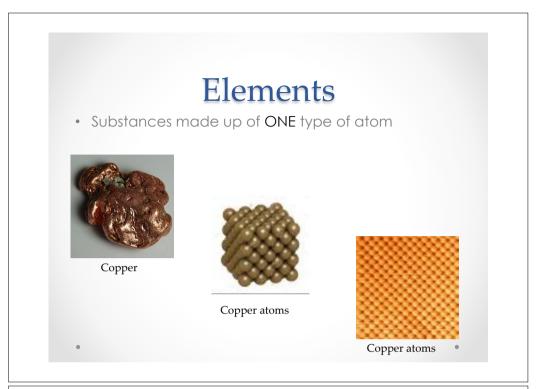
Types of Chemical Changes Permanent colour change

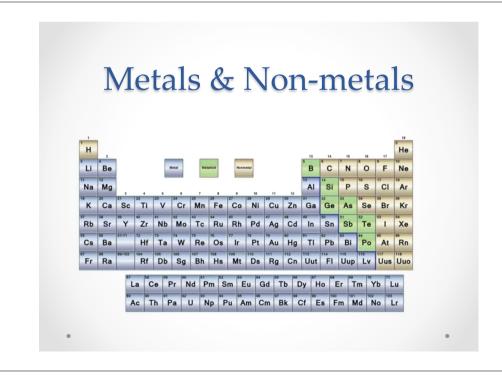
- Match burning
- Rusting iron
- o Leaves changing colour
- o Bruise
- Gas given off
 - o Alka-Seltzer in water
 - o Fizzy drinks
 - o Smell of burning food
- Precipitate forms
 - o Solutions together can form a solid
 - o Stalagmites/Stalactite
- Energy is produced or absorbed
 - o Gas burning in a Bunsen burner

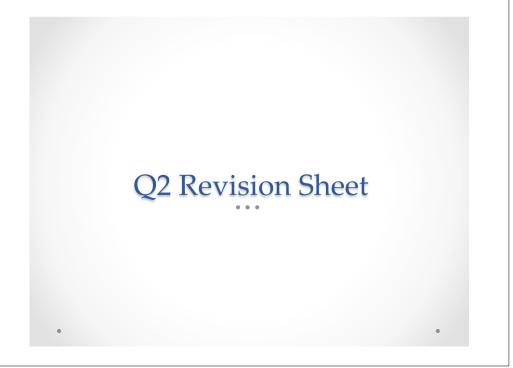


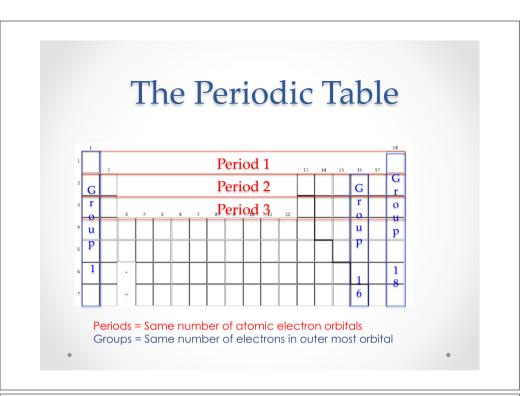


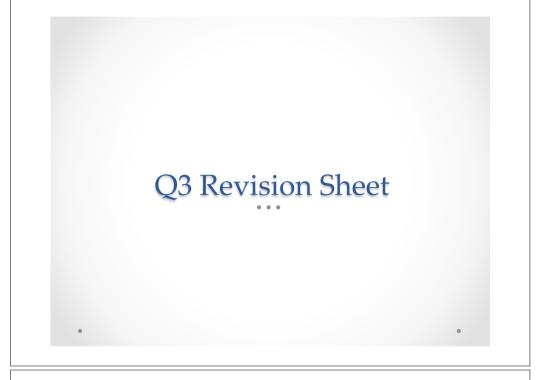


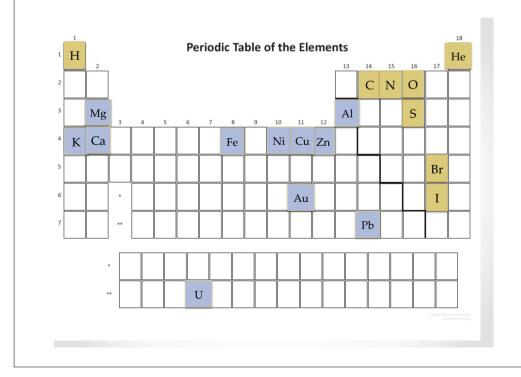




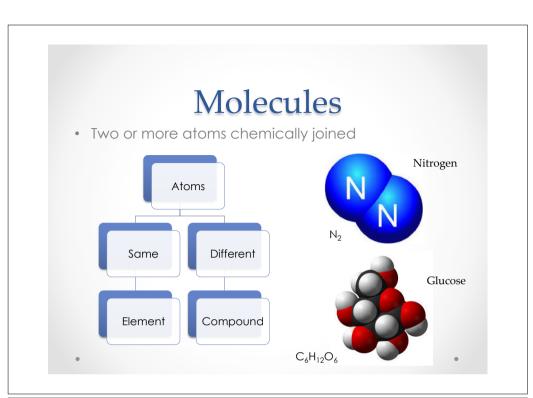


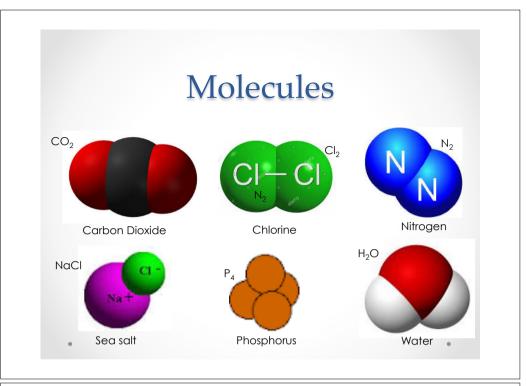


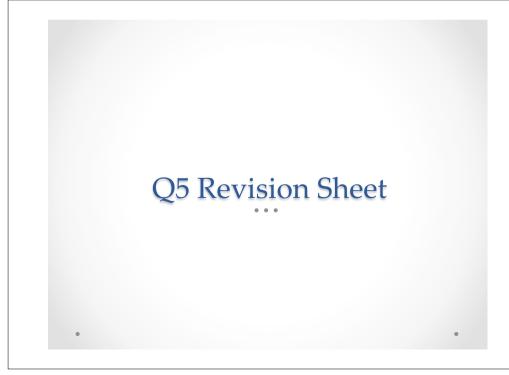


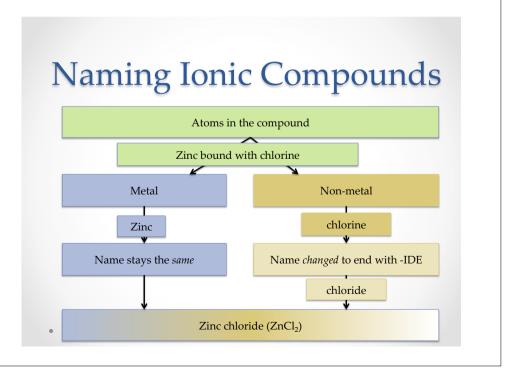












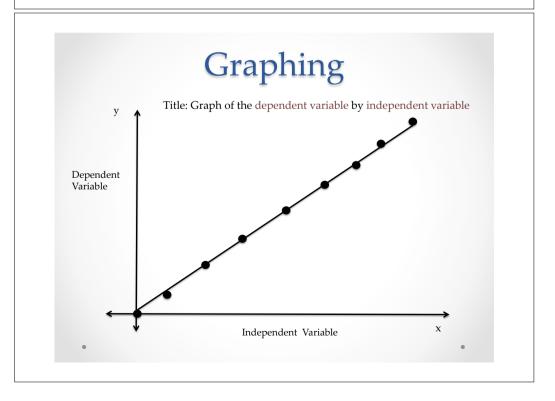
Q6 Revision Sheet



- Made from different substances that are NOT chemically joined
- Each substance keeps its own properties
- Each substance is easily separated from mixture



Q7 Revision Sheet



Q8 Revision Sheet Complete the graphing activity and Activity 14 at home