AQA CHEMISTRY TRILOGY FOUNDATION CHECKLIST

PAPER 1	Red	Amber	Green
Topic 1 -Atomic Structure			
1.8-Periodic table			
1.9-Development of the Periodic table			
1.10- Metals and Non-Metals			
1.11-Group 0			
1.12-Group 1			
1.13-Group 7			
1.13 Group /			
Topic 2 -Bonding and Structure			
2.7-Properties of Ionic Compounds			
2.8-Properties of Small Molecules			
2.9-Polymers			
2.10-Giant Covalent Structures			
2.11-Properties of Metals and Alloys			
2.12-Metals as Conductors			
2.13-Diamond			
2.14-Graphite			
2.15-Graphene and Fullerenes			
2.13-Graphene and Fullerenes			
Topic 4 - Chemical Changes			
4.1-Metal Oxides			
4.2-Reactivty Series			
4.3-Extraction of metals and reduction			
4.4-Oxidation and reduction in terms of electrons (HT)			
4.5- Reactions of metals with acids			
4.6-Neutralisation of acids and salts			
4.7-Soluble Salts			
4.8- p H Scale and neutralisation			
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4.11-Electrolysis			
4.12-Electrolysis of molten ionic compounds			
4.13-Using electrolysis to extract metals			
4.14- Electrolysis of aqueous solutions			
REQUIRED PRACTICAL: MAKING A SALT			
REQUIRED PRACTICAL: ELECTROLYSIS			
To de France Change			
Topic 5-Energy Changes			
5.1-Exo and Endo reactions			
5.2-Reaction Profiles			
REQUIRED PRACTICAL: ENERGY CHANGES			

PAPER 2			
Topic 6-Rates of Reaction			
6.1-Calculating rates of reaction			
6.2- Factors which effect the rate of reaction			
6.3- Collision theory and activation energy			
6.4- Catalysts			
6.5- Reversible reactions			
6.6- Energy changes and reversible reactions			
6.7-Equilibrium			
REQUIRED PRACTICAL: DISAPPEARING CROSS			
	Red	Amber	Green
<u>Topic 7-Organic Chemistry</u>			
7.1-Crude Oil, hydrocarbons and alkanes			
7.2-Fractional distillation and petrochemicals			
7.3- Properties of hydrocarbons			
7.4-Cracking and alkenes			
<u>Topic 8- Chemical Analysis</u>			
8.1-Pure Substances			
8.2-Formulations			
8.3- Chromatography			
REQUIRED PRACTICAL: CHROMATOGRAPHY			
<u>Topic 9-Chemistry of the Atmosphere</u>			
9.1-Gases in the atmosphere			
9.2-The Earths early atmosphere			
9.3-How Oxygen Increased and Carbon Dioxide decreased			
9.8-Properties of effects of atmospheric pollutants			
<u>Topic 10- Earth's Resources</u>			
10.1- Using the Earth's resources			
10.2-Potable water			
10.3- Waste water treatment			