**AQA A-LEVEL CHEMISTRY COURSE SUMMARY**

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| Topic No. | Topic Title | Specification | Relevant Chapters in Book | Papers |
| 10 | Thermodynamics | 3.1.8 | 17.1 – 17.4 | Both |
| 11 | How Far How Fast II | 3.1.9, 3.1.10 | 18.1 – 18.4  19.1 | Paper 1 (3.1.9)  Paper 2 (3.1.10) |
| 12 | Acids, Bases and Buffers | 3.1.12 | 21.1 – 21.6 | 1 only |
| 13 | Electrochemistry | 3.1.11 | 20.1 – 20.3 | 1 only |
| 14 | Reactions of Period 3 Elements and their Oxides | 3.2.4 | 22.1 – 22.3 | 1 only |
| 15 | Transition Metals and Complex Ions | 3.2.5, 3.2.6 | 23.1 – 23.5  24.1 – 24.3 | 1 only |
| 16 | Aldehydes, Ketones and Optical Isomerism | 3.3.7, 3.3.8 | 25.1, 25.2  26.1 – 26.2 | 2 only |
| 17 | Carboxylic Acids, Amines, Esters and Acylation | 3.3.9, 3.3.11 | 25.1  26.3 – 26.5  28.1 – 28.3 | 2 only |
| 18 | Aromatic Chemistry | 3.3.10 | 25.1  27.1 – 27.3 | 2 only |
| 19 | Amino Acids, Polymers, Organic Synthesis and Biochemistry | 3.3.12, 3.3.13, 3.3.14 | 25.3, 29.1  30.1 – 30.5  31.1 – 31.2 | 2 only |
| 20 | Spectroscopy and Chromatography | 3.3.15, 3.3.16 | 32.1 – 32.3  33.1 | 2 only |