**AQA AS CHEMISTRY COURSE SUMMARY**

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| Topic No. | Topic Title | Specification Points | Relevant Chapters in Book |
| 1 | Atomic Structure and the Periodic Table | 3.1.1  3.2.1 (except melting point trends) | 1.1 – 1.6  8.1, 8.3, 8.4 |
| 2 | Amount of Substance | 3.1.2 | 2.1 – 2.6 |
| 3 | Bonding, Structure and the Periodic Table | 3.1.3  3.2.1 (melting point trends only) | 3.1 – 3.7  8.2 |
| 4 | Energetics | 3.1.4 | 4.1 – 4.7 |
| 5 | How Far How Fast | 3.1.5  3.1.6 | 5.1 – 5.3  6.1 – 6.6 |
| 6 | Redox Reactions and Group Chemistry | 3.1.7  3.2.2  3.2.3 | 7.1 – 7.3  9.1  10.1 – 10.4 |
| 7 | Introduction to Organic Chemistry | 3.3.1.1  3.3.1.3  3.3.2.1  3.3.2.2  3.3.2.3 | 11.1 – 11.3  12.1 – 12.4 |
| 8 | Reactions of Organic Compounds | 3.3.1.2  3.3.2.4  3.3.3  3.3.4  3.3.5 | 12.5  13.1 – 13.3  14.1 – 14.3  15.1 – 15.3 |
| 9 | Analysis of Organic Compounds | 3.3.6 | 16.1 – 16.3 |

Chapters 1 – 7 will appear in both papers

Chapters 8 – 10 will only appear in paper 1

Chapters 11 – 16 will only appear in paper 2