

Tick one box per statement: ☐ not yet ☐ nearly ☐ confident.

1. Structure, Bonding and Introduction to Organic Chemistry

1.1 Formulae, equations and amount of substance (Topic 1)

☐☐☐ Formulae, equations and amount of substance (Topic 1)

1.2 Atomic structure and the periodic table (Topic 2) (2)

☐☐☐ Atomic structure and the periodic table (Topic 2)

1.3 Bonding and structure (Topic 3) (3)

□□□ Bonding and structure (Topic 3)

1.4 Introductory organic chemistry and alkanes (Topic 4) (4)

□□□ Introductory organic chemistry and alkanes (Topic 4)

1.5 Alkenes (Topic 5) (5)

□□□ Alkenes (Topic 5)

2. Energetics, Group Chemistry, Halogenoalkanes and Alcohols

2.1 Energetics (Topic 6) (6)

☐☐☐ Energetics (Topic 6)

2.2 Intermolecular forces (Topic 7) (7)

□□□ Intermolecular forces (Topic 7)

2.3 Redox chemistry and Groups 1, 2 and 7 (Topic 8)

☐☐☐ Redox chemistry and Groups 1, 2 and 7 (Topic 8)

2.4 Introduction to kinetics and equilibria (Topic 9)

□□□ Introduction to kinetics and equilibria (Topic 9)

2.5 Halogenoalkanes and alcohols (Topic 10) (10)

□□□ Halogenoalkanes and alcohols (Topic 10)

3. Practical Skills in Chemistry I

I

3.1 Planning and implementing (Unit 3 spec) (3)

☐☐☐ Planning and implementing (Unit 3 spec)

3.2 Analysis and evaluation (Unit 3 spec) (3)

☐☐☐ Analysis and evaluation (Unit 3 spec)

4. Rates, Equilibria and Further Organic Chemistry

4.1 Kinetics (Topic 11) (11)

☐☐☐ Kinetics (Topic 11)

4.2 Entropy and energetics (Topic 12) (12)

☐☐☐ Entropy and energetics (Topic 12)

4.3 Chemical equilibria (Topic 13) (13)

☐☐☐ Chemical equilibria (Topic 13)

4.4 Acid-base equilibria (Topic 14) (14)

☐☐☐ Acid-base equilibria (Topic 14)

4.5 Carbonyls, carboxylic acids and derivatives (Topic 15) (15)

☐☐☐ Carbonyls, carboxylic acids and derivatives (Topic 15)

5. Transition Metals and Organic Nitrogen Chemistry

5.1 Redox equilibria and electrochemistry (Topic 16) (16)

☐☐☐ Redox equilibria and electrochemistry (Topic 16)

5.2 Transition metals and their chemistry (Topic 17) (17)

☐☐☐ Transition metals and their chemistry (Topic 17)

5.3 Arenes (Topic 18) (18)

☐☐☐ Arenes (Topic 18)

5.4 Amines, amides and amino acids (Topic 19) (19)

☐☐☐ Amines, amides and amino acids (Topic 19)

5.5 Organic synthesis (Topic 20) (20)

☐☐☐ Organic synthesis (Topic 20)

6.1 Planning and implementing at A2 (Unit 6 spec) A2 (Unit 6)

☐☐☐ Planning and implementing at A2 (Unit 6 spec)

6.2 Analysis, evaluation and uncertainty at A2 (Unit 6 spec) A2 (Unit 6) ,

☐☐☐ Analysis, evaluation and uncertainty at A2 (Unit 6 spec)