1. Structure, Bonding and Introduction to Organic Chemistry Weeks 1–9

结构、键合与有机化学导论

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 01 Slide deck 01 Vocabulary list 01	
Practice guided then independent	Exercise sheets 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 1.2.2, 1.3, 1.3.1, 1.3.2, 1.4, 1.4.1, 1.4.2, 1.5, 1.5.1, 1.5.2 Past-paper sheets 1.1, 1.2, 1.3, 1.4, 1.5	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

2. Energetics, Group Chemistry, Halogenoalkanes and Alcohols

Weeks 10–16

热化学、族化学、卤代烷和醇

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 02 Slide deck 02 Vocabulary list 02	
Practice guided then independent	Exercise sheets 2.1.1, 2.1.2, 2.1.3, 2.2, 2.2.1, 2.3.1, 2.3.2, 2.3.3, 2.3.4, 2.3.5, 2.3.6, 2.4.1, 2.4.2, 2.4.3, 2.5.1, 2.5.2, 2.5.3, 2.5.4 Past-paper sheets 2.1, 2.2, 2.3, 2.4, 2.5	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

3. Practical Skills in Chemistry I

Weeks 17

化学实践技能 I

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 03 Slide deck 03 Vocabulary list 03	
Practice guided then independent	Exercise sheets 3.1.1, 3.1.2, 3.2.1, 3.2.2	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

4. Rates, Equilibria and Further Organic Chemistry

Weeks 18–24

反应速率、平衡与进一步有机化学

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 04 Slide deck 04 Vocabulary list 04	
Practice guided then independent	Exercise sheets 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.2.1, 4.2.2, 4.3, 4.4.1, 4.4.2, 4.4.3, 4.4.4, 4.5.1, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 4.5.6 Past-paper sheets 4.1, 4.2, 4.3, 4.4, 4.5	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

5. Transition Metals and Organic Nitrogen Chemistry

Weeks 25–29

过渡金属与有机氮化学

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 05 Slide deck 05 Vocabulary list 05	
Practice guided then independent	Exercise sheets 5.1.1, 5.1.2, 5.1.3, 5.1.4, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.3.1, 5.3.2, 5.4.1, 5.4.2, 5.4.3, 5.5.1, 5.5.2 Past-paper sheets 5.1, 5.2, 5.3, 5.4, 5.5	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

6. Practical Skills in Chemistry II

Weeks 30

化学实践技能 II

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	Handout 06 Slide deck 06 Vocabulary list 06	
Practice guided then independent	Exercise sheets 6.1.1, 6.1.2, 6.2.1, 6.2.2	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	