

# 1. Structure, Bonding and Introduction to Organic Chemistry Weeks 1–7

They should be able to

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

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

## 2. Energetics, Group Chemistry, Halogenoalkanes and Alcohols

Weeks 8–14

### They should be able to

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

| Stage                                            | Use                                                                                                                                                                                           | Your notes |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Starter</b><br>10 min · retrieval<br>practice | <i>nothing in the Library for this stage yet</i>                                                                                                                                              |            |
| <b>Teach</b><br>the new content                  | Handout 02<br>Slide deck 02<br>Vocabulary list 02                                                                                                                                             |            |
| <b>Practice</b><br>guided then<br>independent    | Exercise sheets 2.1.1, 2.1.2, 2.1.3, 2.2, 2.2.1, 2.3.1, 2.3.2,<br>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,<br>2.5.4<br>Past-paper sheets 2.1, 2.2, 2.3, 2.4, 2.5 |            |
| <b>Check</b><br>before they leave                | <i>nothing in the Library for this stage yet</i>                                                                                                                                              |            |
| <b>Homework</b><br>set from the Library          | Any unused exercise sheet above                                                                                                                                                               |            |

---

They should be able to

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

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

---

---

They should be able to

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

| Stage                                            | Use                                                                                                                                                                                 | Your notes |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Starter</b><br>10 min · retrieval<br>practice | <i>nothing in the Library for this stage yet</i>                                                                                                                                    |            |
| <b>Teach</b><br>the new content                  | Handout 04<br>Slide deck 04<br>Vocabulary list 04                                                                                                                                   |            |
| <b>Practice</b><br>guided then<br>independent    | Exercise sheets 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.2.1, 4.2.2, 4.3,<br>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<br>Past-paper sheets 4.1, 4.2, 4.3, 4.4, 4.5 |            |
| <b>Check</b><br>before they leave                | <i>nothing in the Library for this stage yet</i>                                                                                                                                    |            |
| <b>Homework</b><br>set from the Library          | Any unused exercise sheet above                                                                                                                                                     |            |

---

---

They should be able to

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

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

---

---

They should be able to

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

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

---