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| Chemistry 20 2011/2012 Semester 1 (general calendar) | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **August 29** | **30** | **31** | **September 1** | **2** |
|  |  |  |  | Lesson 1 – Alchemy becomes chemistry |
| **5** | **6** | **7** | **8** | **9** |
| **Labour Day**  **No classes** | Hand-in Lesson 1  Lesson 2 – Atoms ions compounds | Hand-in Lesson 2  Lesson 3 – Naming compounds | **NSS camp** | **NSS camp** |
| **12** | **13** | **14** | **15** | **16** |
| Work period | Hand-in Lesson 3  Lesson 4 – Chemical equations/reactions | Quiz   * Lessons 1 to 3   work period | Hand-in Lesson 4  Lesson 5 – The mole | Hand-in Lesson 5  Quiz   * Lessons 4 to 5 |
| **19** | **20** | **21** | **22** | **23** |
| Lesson 6 – Stoichiometry I   * + lecture class if required | Work period | Hand-in Lesson 6  Lesson 7 – Lab safety | Hand-in Lesson 7  Lesson 8 – Decomposition of malachite activity | **PD Day** |
| **26** | **27** | **28** | **29** | **30** |
| Hand-in Lesson 8  Quiz   * + Lessons 6 to 8 | Review Lessons 1 to 8   * + if required | Doomsday Test   * Lessons 1 to 8 | Lesson 9 – Lewis diagrams | Hand-in Lesson 9  Lesson 10 – double, triple bonds |
| **October 3** | **4** | **5** | **6** | **7** |
| Hand-in Lesson 10  Quiz   * Lesson 9 and 10 | Lesson 11 –electronegativity, polarity, shapes | Work period | Hand-in Lesson 11  Lesson 12 –Stereochemistry activity | **PD Day** |
| **10** | **11** | **12** | **13** | **14** |
| **Thanksgiving day** | Hand-in Lesson 12  Lesson 12B –Streams of liquid activity | Hand-in Lesson 12  Quiz   * Lesson 11 and 12 | Lesson 13 – Intermolecular forces | Work period |
| **17** | **18** | **19** | **20** | **21** |
| Hand-in Lesson 13  Lesson 14 – Ionic bonding | Hand-in Lesson 14  Quiz   * Lessons 13 and 14 | Review Lessons 1 to 14   * + if required | Doomsday Test   * Lessons 1 to 14 | Lesson 15 – Solution chemistry   * substance identification |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **24** | **25** | **26** | **27** | **28** |
| Hand-in Lesson 15  Lesson 16 – Concentration | Work period | Hand-in Lesson 16  Lesson 17 – Solubility | Work period | Hand-in Lesson 17  Quiz   * Lessons 15 to 17 |
| **31** | **November 1** | **2** | **3** | **4** |
| Lesson 18 – dilution | **Parent Teacher Student Interviews** | Hand-in Lesson 18  Lesson 19 – Preparing solutions activity | Hand-in Lesson 19  Lesson 20 – Dissociation | Work period |
| **7** | **8** | **9** | **10** | **11** |
| Hand-in Lesson 20  Quiz   * Lessons 18 to 20 | Lesson 21 – Stoich. II   * solution stoichiometry | Work period | Hand-in Lesson 21  Lesson 22 – Precipitate activity | **Remembrance day**  **No classes** |
| **14** | **15** | **16** | **17** | **18** |
| **PD Day** | Hand-in Lesson 22  Lesson 23 – Reactions in solution | Work period | Quiz   * Lessons 21 to 23 | Review Lessons 1 to 23   * if required |
| **21** | **22** | **23** | **24** | **25** |
| Doomsday Test   * Lessons 1 to 23 | Lesson 24 – Acid/base properties | Hand-in Lesson 24  Lesson 25 – Acid base theory | Work period | Hand-in Lesson 25  Lesson 26 – pH and pOH |
| **28** | **29** | **30** | **December 1** | **2** |
| Work period | Lesson 27 – Indicators | Hand-in Lesson 27  Quiz   * Lessons 24 to 27 | Lesson 28 – Acid/base stoichiometry | **PD Day** |
| **5** | **6** | **7** | **8** | **9** |
| Work period | Lesson 29 – Titration activity | Work period | Hand-in Lesson 29  Quiz   * Lessons 28 to 29 | Lesson 30 – Gas Law theory |
| **12** | **13** | **14** | **15** | **16** |
| Work period | Hand-in Lesson 30  Lesson 31 – Combined gas law | Hand-in Lesson 31  Lesson 32 – Ideal gas law | Hand-in Lesson 32  Quiz   * Lessons 30 to 32 | Lesson 33 – Gas stoichiometry |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **19** | **20** | **21** | **22** | **23** |
| Work period | L34 – Hydrogen gas activity | Hand-in Lesson 34  Quiz   * Lessons 33 and 34 | Review Lessons 1 to 34   * + if required | **PD Day** |
| **January 9** | **10** | **11** | **12** | **13** |
| Doomsday Test   * Lessons 1 to 34 | Lesson 35 – Limiting reactants stoichiometry | Work period | Hand-in Lesson 35  Quiz   * Lesson 35 |  |
| **16** | **17** | **18** | **19** | **20** |
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