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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 1Lesson 2 – Atoms ions compounds | Hand-in Lesson 2Lesson 3 – Naming compounds | **NSS camp** | **NSS camp** |
| **12** | **13** | **14** | **15** | **16** |
| Work period | Hand-in Lesson 3Lesson 4 – Chemical equations/reactions  | Quiz* Lessons 1 to 3

work period | Hand-in Lesson 4Lesson 5 – The mole | Hand-in Lesson 5Quiz* Lessons 4 to 5
 |
| **19** | **20** | **21** | **22** | **23** |
| Lesson 6 – Stoichiometry I* + lecture class if required
 | Work period | Hand-in Lesson 6Lesson 7 – Lab safety | Hand-in Lesson 7Lesson 8 – Decomposition of malachite activity | **PD Day**  |
| **26** | **27** | **28** | **29** | **30** |
| Hand-in Lesson 8Quiz* + Lessons 6 to 8
 | Review Lessons 1 to 8* + if required
 | Doomsday Test* Lessons 1 to 8
 | Lesson 9 – Lewis diagrams | Hand-in Lesson 9Lesson 10 – double, triple bonds |
| **October 3** | **4** | **5** | **6** | **7** |
| Hand-in Lesson 10Quiz* Lesson 9 and 10
 | Lesson 11 –electronegativity, polarity, shapes | Work period | Hand-in Lesson 11Lesson 12 –Stereochemistry activity | **PD Day**  |
| **10** | **11** | **12** | **13** | **14** |
| **Thanksgiving day** | Hand-in Lesson 12Lesson 12B –Streams of liquid activity | Hand-in Lesson 12Quiz* Lesson 11 and 12
 | Lesson 13 – Intermolecular forces  | Work period |
| **17** | **18** | **19** | **20** | **21** |
| Hand-in Lesson 13Lesson 14 – Ionic bonding | Hand-in Lesson 14Quiz* 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 15Lesson 16 – Concentration | Work period | Hand-in Lesson 16Lesson 17 – Solubility | Work period | Hand-in Lesson 17Quiz* Lessons 15 to 17
 |
| **31** | **November 1** | **2** | **3** | **4** |
| Lesson 18 – dilution | **Parent Teacher Student Interviews**  | Hand-in Lesson 18Lesson 19 – Preparing solutions activity | Hand-in Lesson 19Lesson 20 – Dissociation | Work period |
| **7** | **8** | **9** | **10** | **11** |
| Hand-in Lesson 20Quiz* Lessons 18 to 20
 | Lesson 21 – Stoich. II* solution stoichiometry
 | Work period | Hand-in Lesson 21Lesson 22 – Precipitate activity | **Remembrance day****No classes** |
| **14** | **15** | **16** | **17** | **18** |
| **PD Day**  | Hand-in Lesson 22Lesson 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 24Lesson 25 – Acid base theory | Work period | Hand-in Lesson 25Lesson 26 – pH and pOH |
| **28** | **29** | **30** | **December 1** | **2** |
| Work period | Lesson 27 – Indicators | Hand-in Lesson 27Quiz* 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 29Quiz* Lessons 28 to 29
 | Lesson 30 – Gas Law theory |
| **12** | **13** | **14** | **15** | **16** |
| Work period | Hand-in Lesson 30Lesson 31 – Combined gas law | Hand-in Lesson 31Lesson 32 – Ideal gas law | Hand-in Lesson 32Quiz* 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 34Quiz* 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 35Quiz* Lesson 35
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| **16** | **17** | **18** | **19** | **20** |
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