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| Mathematics 10C 2012/2013 Semester 2 (general calendar) | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **February 4** | **5** | **6** | **7** | **8** |
| Intro, Outlines, Review | 100 Lockers  L01 Factors primes composites multiples | L02 GCFs and LCMs  3.1 Factors & Multiples of Whole Numbers  p. 140-141 # 3-5 (abc), (6-16)ad, 17, 19, 20, 21, 22 | L03 Perfect Squares, Cubes & Their Roots  p. 146-147 # (4-6)ad, 7-9, 11, 13-18 (omit #15) | L04 Irrational Numbers  p. 206 # 1-6  p. 211-212 # 1-9, 13-16, 21-24 |
| **11** | **12** | **13** | **14** | **15** |
| **L01 to 04 Quiz**  L05 Radicals  p. 218-219 # 3, (4-5)acfh, 6a, 7, 9,(10-12)adfg, 15, 17-20, 24 | L06 Radicals &Fractional Exponents  p. 227-228 # 1-2, (3-10,12-15)acdf, 17-19, 22 | Review of Exponent Laws  Worksheet  L07 Negative Exponents & Reciprocals  p. 233-234 # 1-7, (8-10) acdf, 11-12, 13acdf, 14-20 | **Teacher’s convention** | **Teacher’s convention** |
| **18** | **19** | **20** | **21** | **22** |
| **Family day** | L08 Applying Exponent Laws  p. 220-221 # (1-2)ac, 3, (4-7)ac,8b, (9-11)ac  Checkpoints 1 & 2  p. 235-236 # 1ade, 2(i,iv,v), 3abe, 4-6, 7acd, 8 | **L06 to 08 Quiz**  Work period  Work on 4.6 p. 241-243 # (3-19)aceg, 21-23 | Study Guide  p. 244-245  Doomsday #1 Review  p. 246-248 # 2-32 EVENS  Ch. 4 Practice Test  p. 249 # 1-8 | **Doomsday #1** |
| **25** | **26** | **27** | **28** | **March 1** |
| 3.3 Common Factors of a Polynomial (Algebra Tiles)  p. 154-156 # 1-6, (7-10)ad, 11-14,16-22 | 3.4 Math Lab: Modelling Trinomials as Binomial Products (Algebra Tiles)  p. 158 # 1-4 | 3.5 Polynomials of the Form x2 + bx + c (Algebra Tiles)  p. 165-167 # 1-7, 9ac, 10-11, 13-21, 23 | 3.6 Polynomials of the Form ax2 + bx + c (Algebra Tiles)  p. 176-178 # 1-4, (5-10)ad, 12-13,15-17, (18-20)ad, 21-23 | 3.6 Continued |
| **4** | **5** | **6** | **7** | **8** |
| 3.7 Multiplying Polynomials  Checkpoint 2  p. 179-181 # 1, 2(i,v,viii), (3-9)adf | **3.3 – 3.6 Quiz**  Work on 3.7 p. 185-187 # 1-3, 5, 7, 10-11, 13a,15adf, 16-17, 18c, 19f, 20, 22 | 3.8 Factoring Special Polynomials  p. 194-195 # 1-3, 4cg, 5-7, 9, (10-13)adf, 14-21 | Study Guide  p. 196-197  Ch. 3 Review  p. 198-200 # (1-10)ad, (11-19)acdf, (21-35)acf  Ch. 3 Practice Test  p. 201 # 1-9 | Unit Assignment |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **11** | **12** | **13** | **14** | **15** |
| Doomsday #2 Review  p. 252-253 # 1-6, 7ac, 8, 9, (10-18)acdfg, 19-20, (21-22)i,ii,v, 23acdfh, (24-26)acd | **Doomsday #2** | 5.1 Representing Relations  p. 262-263 # 3-4, 6, 7, 9, 11,12 | 5.2 Properties of Functions  p. 270-273 # 4-9, 12, 15, 18-21, 23 | 5.3 Interpreting & Sketching Graphs  p. 281-283 # 3-10, 12-13,16-18 |
| **18** | **19** | **20** | **21** | **22** |
| 5.4 Math Lab: Graphing Data  Checkpoint 1  p. 286 # 1-2  p. 274-275 # 1-4 | **5.1 – 5.3 Quiz**  Work period | 5.5 Graphs of Relations & Functions  p. 293-297 # 4-12, 15-16, 18, 19, 21, 22 | **5.4 – 5.5 Quiz**  **Classes finish at 11:15**  **Parent-Teacher Interviews**  **1:00 to 8:00** | **Non-Instruction day** |
| **April 1** | **2** | **3** | **4** | **5** |
| **No class** | 5.6 Properties of Linear Relations  p. 308-310 # 3-7, 9, 12-14,16,17,22  Checkpoint 2  p. 298-299 # 1-3 | 5.7 Interpreting Graphs of Linear Functions  p. 319-323 # 1-4, 6, 8-10, 13,14,19,20 |  | Ch. 5 Study Guide p. 324-325  Doomsday #3 Review  p. 326-328 # 1-18  *Optional:* Ch. 5 Practice Test  p. 329 # 1-5 |
| **8** | **9** | **10** | **11** | **12** |
| **Doomsday #3** | Treasure Island | 6.1 Slope of a Line  p. 339-343 # 1-8, 9ad, 11, 13,16,17,19,24,31 | 6.2 Slopes of Parallel & Perpendicular Lines  p. 348-351 # 1-2, 5-9, 11, 13,16,21-23 | 6.3 Math Lab: Investigating Graphs of Linear Functions  p. 352-353 # 1-8  Checkpoint 1  p. 356 # 1-7 |
| **15** | **16** | **17** | **18** | **19** |
| **6.1 – 6.2 Quiz**  Work period | 6.4 Slope-Intercept Form of the Equation for a Linear Function  p. 362-364 # 1-3, (4-7)ad, 11-12, 13, 17, 20-24 | 6.5 Slope-Point Form of the Equation for a Linear Function  p. 371-374 # 1-5, 6bd, 8-10,11ab,13,15,18-22,26-27 | 6.6 General Form of the Equation for a Linear Function  p. 383-385 #1-7, 10-11, 13,15,17,18,23,24,26-28  Checkpoint 2  p. 375-376 # 1-4 | **Non-Instruction day** |
| **22** | **23** | **24** | **25** | **26** |
| **6.3 – 6.5 Quiz**  Work period | Ch. 6 Study Guide  p. 386-387  Doomsday #4 Review  p. 388-390 # 1a, 2, (3-4)b, 5,(6-7)b, 9-22, 24-27  Ch. 6 Practice Test  p. 391 # 1-5 | **Doomsday #4** | 7.1 Developing Systems of Linear Equations  p. 400-402 # 1-8, 10-11, 14-18 | 7.2 Solving Linear Equations Graphically  p. 408-410 # 1-3, 5, 8, 10-12, 15,17-19 |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **29** | **30** | **May 1** | **2** | **3** |
| 7.3 Math Lab: Using Graphing Technology to Solve Linear Equations  Last Day of Classes  p. 412-413 # 1-5 | Checkpoint 1  p. 414-415 # 1-6  7.4 Substitution to Solve Linear Eqns  p. 424-427 # 1-4, 6, 8, do three of 10-18, 19a, 23, 26-27 | **7.1 – 7.3 Quiz**  Work period | 7.5 Using an Elimination Strategy to Solve a System of Linear Equations  p. 437-439 # 1-3, 6, 12, do 3 of (8-11 & 13-17), 23 | Checkpoint 2  p. 440-441 # 1-7 |
| **6** | **7** | **8** | **9** | **10** |
| 7.6 Properties of Systems of Linear Equations  p. 447-449 # 1-7, 11, 15, 18-20, 24 |  | Ch. 7 Study Guide  p. 450-451  Doomsday #5 Review  p. 452-454 # 2-13, 15-21  Ch. 7 Practice Test  p. 455 # 1-6 | **Doomsday #5** | Estimation Activity |
| **13** | **14** | **15** | **16** | **17** |
| 1.1 Imperial Measures of Length  p. 11 # 1-6 | 1.2 Measuring Length and Distance  p. 15 # 1-6 | 1.3 Relating SI and Imperial Units  p. 11-12 # 8-22 Even  p. 22-23 # 1-4, 6, 9-11, 16-18  Checkpoint 1  p. 24-25 # 1, 3, 4, 7, 8 | 1.4 Surface Areas of Right Pyramids & Right Cones  p. 34-35 # 1-3, 6-11, 14, 17-21 | **Non-Instruction day** |
| **20** | **21** | **22** | **23** | **24** |
| **Victoria day** | **1.1 – 1.3 Quiz**  Work period | 1.5 Volumes of Right Pyramids & Right Cones  p. 41-44 # 1-3, 4b, 6, 8, 9, 12, 14, 18-19, 20, 22 | 1.6 Surface Area & Volume of a Sphere  p. 51-52 # 3-5, 8, 11, 13, 15-16, 21-24  Checkpoint 2  p. 53-54 # 1-7 | 1.7 Solving Problems Involving Objects  p. 59-61 # 1, 3-4, 6b, 7, 9-11, 13 |
| **27** | **28** | **29** | **30** | **31** |
| **1.4 – 1.6 Quiz**  Work period | Measurement Olympics  Study Guide p 62-63 | Practice Test  p. 67 # 1-6  Doomsday #6 Review  p. 64-66 # 1, 3-9, 11, 13-20, 22-27 | **Doomsday #6** | 2.1 The Tangent Ratio  p. 75-77 # 3-5, 8, 11, 14, 18, 22, 23 |
| **June 3** | **4** | **5** | **6** | **7** |
| 2.2 Using the Tangent Ratio to Calculate Lengths  p. 79-81 # 3-4, 7, 10, 12, 15 | 2.3 Math Lab: Measuring an Inaccessible Height  Math Lab  p. 86 # 1-3 |  | 2.4 The Sine & Cosine Ratios  p. 94-96 # 4, 9-16, 18 | 2.5 Using the Sine & Cosine Ratios To Calculate Lengths  p. 101-102 # 1-2, 5-9, 12, 13 |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
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| 2.6 Applying the Trig Ratios  p. 110-112 # (3-6)ad, 8-11, 14, 15  Checkpoints 1 & 2  p.87-88 # 1-5  p.103-104 # 1-5 | **2.1 – 2.5 Quiz**  Work period | 2.7 Solving Problems Involving More Than One Right Triangle  p. 118-121 # (3-5)a, 6, 8, 11-12, 14, 19-21 | **2.6 – 2.7 Quiz**  Study Guide p 122-123 | Doomsday #7 Review  p.124-126 # 1a, 3-4, 5(ii), 7, 8, 11-13, 15ac, 16, 18ac, 19, 20a, 22, 23  Ch 2 Practice Test  p.127 # 1-6 |
| **17** | **18** | **19** | **20** | **21** |
| **Doomsday #7** | Final Exam Review/Practice Test  p. 458-461 # 1-31 | **Last day of classes**  Review | **Final Exam** |  |
| **24** | **25** | **26** | **27** | **28** |
|  |  |  |  | **Non-instruction Day** |