Physics 20 2013/2014 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
February 3 Introduction Lesson 1 – Average speed	**4** Hand-in Lesson 1 Lesson 2 – Displacement	**5** Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	**6** Work period	**7** Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity
10 Hand-in L04 Constant Velocity Lesson 4 – Graphing activities ⇒ Accelerated motion	**11** Hand-in L04 Quiz ⇒ Lessons 1 to 4	**12** Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture	**13** **Teacher's convention**	**14** **Teacher's convention**
17 **Family day**	**18** Work period	**19** Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	**20** Work period	**21** Lesson 6 – Graphing activities ⇒ **phet** activity
24 Work period	**25** Hand-in Up-Down activity and phet activity Quiz ⇒ Lessons 5 to 6	**26** Lesson 7 – Accelerated Motion	**27** Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	**28** Work period
March 3 Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	**4** Work period	**5** Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	**6** Lessons 1 to 9 review	**7** Doomsday Test ⇒ Lessons 1 to 9
10 Lesson 10 – Kinematics in 2 Dimensions	**11** Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors	**12** Work period	**13** Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	**14** Lesson 12 – Relative Motion ⇒ Optional lecture

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17 Work period	**18** Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture	**19** Work period	**20** **Classes finish at 11:15** **Parent-Teacher Interviews** **1:00 to 8:00**	**21** **Non-Instruction day**
31 Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	**April 1** Review 1 to 13	**2** Doomsday test ⇒ Lessons 1 to 13	**3** Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	**4** Mark Lesson 14 Lesson 15 – Dynamics problem solving
7 Work period	**8** Mark Lesson 15 Lesson 16 – Mass Weight Friction ⇒ Optional lecture	**9** Lesson 16 activity	**10** Mark Lesson 16 Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	**11** Hand-in Lesson 16 activity Quiz ⇒ Lessons 14 to 16
14 Work period	**15** Mark Lesson 17 Lesson 18 – Pulleys, systems ⇒ Optional lecture	**16** Work period	**17** Mark Lesson 18 Quiz ⇒ Lessons 17 to 18	**18** **Good Friday**
21 **Non-Instruction day**	**22** Lessons 1 to 18 review	**23** Doomsday test ⇒ Lessons 1 to 18	**24** Lesson 19 – Uniform circular motion ⇒ Optional lecture	**25** Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture
28 Work period	**29** Mark Lesson 20 Quiz ⇒ Lessons 19 to 20	**30** Lesson 21 – Universal Gravitation Lesson 22 –Gravitational field strength	**May 1** Mark Lesson 21 and 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture	**2** Work period
5 Mark Lesson 23 Quiz ⇒ Lessons 21 to 23	**6** Lessons 1 to 23 review	**7** **Personal Planning Day** **No Classes**	**8** Doomsday test ⇒ Lessons 1 to 23	**9** Lesson 24 – SHM pendulums

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12 Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	**13** Hand-in Lesson 24 activity Lesson 25 – SHM springs	**14** Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities	**14** Hand-in Lesson 25 activity Quiz ⇒ Lessons 24 to 25	**16** **Non-Instruction day**
19 **Victoria day**	**20** Lesson 26 – Work, Energy and Power	**21** Work period	**22** Hand in Lesson 26 Lesson 27 – Conservation of Energy ⇒ Optional lecture	**23** Work period
26 Hand in Lesson 27 Lesson 27 activity	**27** Hand-in Lesson 27 activity Lesson 28 – SHM forces & energy ⇒ Optional lecture	**28** Work period	**29** Hand-in Lesson 28 Quiz ⇒ Lessons 26 to 28	**30** Review 1 to 28
2 Doomsday Test ⇒ Lessons 1 to 28	**3** Lesson 29 – Waves in One Dimension ⇒ activity	**4** Work period	**5** Hand-in Lesson 29 Lesson 30 – Waves in Two Dimensions	**6** Work period
9 Hand-in Lesson 30 Lesson 31 – Sound & Resonance ⇒ Optional cool demos	**10** Hand-in Lesson 31 Lesson 32 – Doppler effect	**11** Hand-in Lesson 32 Quiz ⇒ Lesson 29 to 32	**12** Review 1 to 32	**13** Doomsday Test ⇒ Lessons 1 to 32
16	**17**	**18** **Last day of classes**	**19**	**20**
23	**24**	**25**	**26**	**27** **Non-instruction Day**