Physics 20 2012/2013 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
February 4 Introduction Lesson 1 – Average speed	**5** Hand-in Lesson 1 Lesson 2 – Displacement	**6** Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	**7** Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity	**8** 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** Work period	**14** **Teacher's convention**	**15** **Teacher's convention**
18 **Family day**	**19** Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	**20** Work period	**21** Lesson 6 – Graphing activities ⇒ **phet** activity	**22** Hand-in Up-Down activity and phet activity Quiz ⇒ Lessons 5 to 6
25 Lesson 7 – Accelerated Motion	**26** Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	**27** Work period	**28** Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	**March 1** Work period
4 Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	**5** Lessons 1 to 9 review	**6** Doomsday Test ⇒ Lessons 1 to 9	**7** Lesson 10 – Kinematics in 2 Dimensions	**8** Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors
11 Work period	**12** Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	**13** Lesson 12 – Relative Motion ⇒ Optional lecture	**14** Work period	**15** Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture
18 Work period	**19** Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	**20** Review 1 to 13	**21** **Classes finish at 11:15** **Parent-Teacher Interviews 1:00 to 8:00**	**22** **Non-Instruction day**

Monday	Tuesday	Wednesday	Thursday	Friday
April 1 **No class**	**2** Doomsday test ⇒ Lessons 1 to 13	**3** Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	**4** Mark Lesson 14 Lesson 15 – Dynamics problem solving	**5** 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	**12** 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** Lessons 1 to 18 review	**19** **Non-Instruction day**
22 Doomsday test ⇒ Lessons 1 to 18	**23** Lesson 19 – Uniform circular motion ⇒ Optional lecture	**24** Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture	**25** Work period	**26** Mark Lesson 20 Quiz ⇒ Lessons 19 to 20
29 Lesson 21 – Universal Gravitation Lesson 22 –Gravitational field strength	**30** Mark Lesson 21 and 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture	**May 1** Work period	**2** Mark Lesson 23 Quiz ⇒ Lessons 21 to 23	**3** Lessons 1 to 23 review
6 Doomsday test ⇒ Lessons 1 to 23	**7** Lesson 24 – SHM pendulums	**8** Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	**9** Hand-in Lesson 24 activity Lesson 25 – SHM springs	**10** Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities
13 Hand-in Lesson 25 activity Quiz ⇒ Lessons 24 to 25	**14** Lesson 26 – Work, Energy and Power	**15** Work period	**16** Hand in Lesson 26 Lesson 27 – Conservation of Energy ⇒ Optional lecture	**17** **Non-Instruction day**

Monday	Tuesday	Wednesday	Thursday	Friday
20 **Victoria day**	**21** Work period	**22** Hand in Lesson 27 Lesson 27 activity	**23** Hand-in Lesson 27 activity Lesson 28 – SHM forces & energy ⇒ Optional lecture	**24** Work period
27 Hand-in Lesson 28 Quiz ⇒ Lessons 26 to 28	**28** Review 1 to 28	**29** Doomsday Test ⇒ Lessons 1 to 28	**30** Lesson 29 – Waves in One Dimension ⇒ activity	**31** Work period
June 3 Hand-in Lesson 29 Lesson 30 – Waves in Two Dimensions	**4** Work period	**5** Hand-in Lesson 30 Lesson 31 – Sound & Resonance ⇒ Optional cool demos	**6** Hand-in Lesson 31 Lesson 32 – Doppler effect	**7** Hand-in Lesson 32 Quiz ⇒ Lesson 29 to 32
10 Review 1 to 32	**11** Doomsday Test ⇒ Lessons 1 to 32	**12**	**13**	**14**
17	**18**	**19** **Last day of classes**	**20**	**21**
24	**25**	**26**	**27**	**28** **Non-instruction Day**