Physics 20 2010/2011 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
	February 1 Introduction Lesson 1 – Average speed	**2** Hand-in Lesson 1 Lesson 2 – Displacement	**3** Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	**4** Work period
7 Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity	**8** Hand-in L04 Constant Velocity Lesson 4 – Graphing activities ⇒ Accelerated motion	**9** Hand-in L04 Accelerated Motion Quiz ⇒ Lessons 1 to 4	**10** Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture	**11** Work period
14 Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	**15** Work period	**16** Lesson 6 – Graphing activities ⇒ **phet** activity	**17** **Teacher's Convention**	**18** **Teacher's Convention**
21 **Family Day**	**22** Hand-in Up-Down activity and phet activity Lesson 7 – Accelerated Motion	**23** Quiz ⇒ Lessons 5 to 6	**24** Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	**25** Work period
28 Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	**March 1** work period	**2** Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	**3** Lessons 1 to 9 review	**4** Doomsday Test ⇒ Lessons 1 to 9
7 Lesson 10 – Kinematics in 2 Dimensions	**8** Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors	**9** Work period	**10** Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	**11** Lesson 12 – Relative Motion ⇒ Optional lecture
14 Work period	**15** Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture	**16** Work period	**17** Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	**18** Review 1 to 13

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21 Doomsday test ⇒ Lessons 1 to 13	**22** Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	**23** Mark Lesson 14 Lesson 15 – Dynamics problem solving	**24** Work period	**25** **Spring break begins** Mark Lesson 15 Lesson 16 – Mass Weight Friction ⇒ Optional lecture
April 4 Lesson 16 activity	**5** Mark Lesson 16 Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	**6** Hand-in Lesson 16 activity Quiz ⇒ Lessons 14 to 16	**7** Work period	**8** Mark Lesson 17 Lesson 18 – Pulleys, systems ⇒ Optional lecture
11 Work period	**12** Work period	**13** Mark Lesson 18 Quiz ⇒ Lessons 17 to 18	**14** Lessons 1 to 18 review	**15** Doomsday test ⇒ Lessons 1 to 18
18 Lesson 19 – Uniform circular motion ⇒ Optional lecture	**19** Work period	**20** Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture	**21** Work period	**22** **Good Friday**
25 Mark Lesson 20 Quiz ⇒ Lessons 19 to 20	**26** Lesson 21 – Universal Gravitation	**27** Mark Lesson 21 Lesson 22 –Gravitational field strength	**28** **Parent Teacher Student Interviews**	**29** Mark Lesson 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture
May 2 Work period	**3** Mark Lesson 23 Quiz ⇒ Lessons 21 to 23	**4** Lessons 1 to 23 review	**5** Doomsday test ⇒ Lessons 1 to 23	**6** Lesson 24 – SHM pendulums
9 Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	**10** Hand-in Lesson 24 activity Lesson 25 – SHM springs	**11** Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities	**12** Hand-in Lesson 25 activity Lesson 26 – Waves in One Dimension ⇒ activity	**13** Work period

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16 Hand-in Lesson 26 Quiz ⇒ Lessons 24 to 26	**17** Lesson 27 – Waves in Two Dimensions	**18** Work period	**19** **Personal planning day**	**20** **PD Day**
23 **Victoria Day**	**24** Hand-in Lesson 27 Lesson 28 – Sound & Resonance ⇒ Optional cool demos	**25** Hand-in Lesson 28 Lesson 29 – Doppler effect lecture	**26** Hand-in Lesson 29 Quiz ⇒ Lesson 27 to 29	**27** Review 1 to 29
30 Doomsday Test ⇒ Lessons 1 to 29	**31** Lesson 30 – Work, Energy and Power	**June 1** Hand in Lesson 30 Lesson 31 – Conservation of Energy ⇒ Optional lecture	**2** Work period	**3** Work period
6 Hand in Lesson 31 Lesson 31 activity	**7** Hand-in Lesson 31 activity Lesson 32 – SHM forces & energy ⇒ Optional lecture	**8** Work period	**9** Hand-in Lesson 32 Quiz ⇒ Lessons 30 to 32	**10** Review 1 to 32
13 Doomsday Test ⇒ Lessons 1 to 32	**14**	**15**	**16**	**17**
20	**21**	**2**	**23**	**24**
27	**28**	**29**	**30**	**July 1**