

# Physics 20

## 2011/2012 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
<b>January 30</b> Introduction  Lesson 1 – Average speed	<b>31</b> Hand-in Lesson 1  Lesson 2 – Displacement	<b>February 1</b> Hand-in Lesson 2  Lesson 3 – Velocity – Graphical analysis	<b>2</b> Work period	<b>3</b> <b>Non-instruction Day</b>
<b>6</b> Hand-in Lesson 3  Lesson 4 – Graphing activities ⇒ Constant velocity	<b>7</b> Hand-in L04 Constant Velocity  Lesson 4 – Graphing activities ⇒ Accelerated motion	<b>8</b> Hand-in L04 Accelerated Motion  Quiz ⇒ Lessons 1 to 4	<b>9</b> Lesson 5 – Accelerated motion: Graphical	<b>10</b> Work period
<b>13</b> Hand-in Lesson 5  Lesson 6 – Graphing activities ⇒ Up-Down activity	<b>14</b> Work period	<b>15</b> Lesson 6 – Graphing activities ⇒ <b>phet</b> activity	<b>16</b> <b>Teacher's Convention</b>	<b>17</b> <b>Teacher's Convention</b>
<b>20</b> <b>Family Day</b>	<b>21</b> Hand-in Up-Down activity and phet activity  Lesson 7 – Accelerated Motion	<b>22</b> Quiz ⇒ Lessons 5 to 6	<b>23</b> Hand-in Lesson 7  Lesson 8 – Acceleration, Displacement I	<b>24</b> Work period
<b>27</b> Hand-in Lesson 8  Lesson 9 – Acceleration, Displacement II	<b>28</b> work period	<b>29</b> Hand-in Lesson 9  Quiz ⇒ Lessons 7 to 9	<b>March 1</b> Lessons 1 to 9 review	<b>2</b> Doomsday Test ⇒ Lessons 1 to 9
<b>5</b> Lesson 10 – Kinematics in 2 Dimensions	<b>6</b> Mark Lesson 10  Lesson 11 – Complex 2 Dim. Vectors	<b>7</b> Work period	<b>8</b> Mark Lesson 11  Quiz ⇒ Lessons 10 to 11	<b>9</b> Lesson 12 – Relative Motion
<b>12</b> Work period	<b>13</b> Hand-in Lesson 12  Lesson 13 – Projectiles	<b>14</b> Work period	<b>15</b> Mark Lesson 13  Quiz ⇒ Lesson 12 and 13	<b>16</b> Review 1 to 13

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<b>19</b> Doomsday test ⇒ Lessons 1 to 13	<b>20</b> Lesson 14 – Dynamics Conceptual Change	<b>21</b> Mark Lesson 14  Lesson 15 – Dynamics problem solving	<b>22</b> Work period	<b>23</b> <b>Non-instruction Day</b>  <b>Parent-teacher interviews 9:00 to 1:00</b>
<b>April 2</b> Mark Lesson 15  Lesson 16 – Mass Weight Friction	<b>3</b> Lesson 16 activity	<b>4</b> Mark Lesson 16 Hand-in Lesson 16 activity  Quiz ⇒ Lessons 14 to 16	<b>5</b> Lesson 17 – Vertical forces, inclines	<b>6</b> <b>Good Friday</b>
<b>9</b> <b>Non-instruction Day</b>	<b>10</b> Work period	<b>11</b> Mark Lesson 17  Lesson 18 – Pulleys, systems	<b>12</b> Work period	<b>13</b> Mark Lesson 18  Quiz ⇒ Lessons 17 to 18
<b>16</b> Lessons 1 to 18 review	<b>17</b> Doomsday test ⇒ Lessons 1 to 18	<b>18</b> Lesson 19 – Uniform circular motion	<b>19</b> Work period	<b>20</b> Mark Lesson 19  Lesson 20 – Vertical UCM
<b>23</b> Work period	<b>24</b> Mark Lesson 20  Quiz ⇒ Lessons 19 to 20	<b>25</b> Lesson 21 – Universal Gravitation	<b>26</b> Mark Lesson 21  Lesson 22 –Gravitational field strength	<b>27</b> Mark Lesson 22  Lesson 23 – Orbits & Satellites
<b>30</b> Work period	<b>May 1</b> Mark Lesson 23  Quiz ⇒ Lessons 21 to 23	<b>2</b> Lessons 1 to 23 review	<b>3</b> Doomsday test ⇒ Lessons 1 to 23	<b>4</b> Lesson 24 – SHM pendulums
<b>7</b> Hand in Lesson 24  Lesson 24 – SHM pendulum ⇒ activities	<b>8</b> Hand-in Lesson 24 activity  Lesson 25 – SHM springs	<b>9</b> Hand in Lesson 25  Lesson 25 – SHM springs ⇒ activities	<b>10</b> Hand-in Lesson 25 activity  Lesson 26 – Waves in One Dimension ⇒ activity	<b>11</b> Work period

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<b>14</b> Hand-in Lesson 26  Quiz ⇒ Lessons 24 to 26	<b>15</b> Lesson 27 – Waves in Two Dimensions	<b>15</b> Work period	<b>17</b> Hand-in Lesson 27  Lesson 28 – Sound & Resonance ⇒ Optional cool demos	<b>18</b> <b>Non-instruction Day</b>
<b>21</b> <b>Victoria Day</b>	<b>22</b> Hand-in Lesson 28  Lesson 29 – Doppler effect lecture	<b>23</b> Hand-in Lesson 29  Quiz ⇒ Lesson 27 to 29	<b>24</b> Review 1 to 29	<b>25</b> Doomsday Test ⇒ Lessons 1 to 29
<b>28</b> Lesson 30 – Work, Energy and Power	<b>29</b> Hand in Lesson 30  Lesson 31 – Conservation of Energy	<b>30</b> Work period	<b>31</b> Work period	<b>June 1</b> Hand in Lesson 31  Lesson 31 activity
<b>4</b> Hand-in Lesson 31 activity  Lesson 32 – SHM forces & energy	<b>5</b> Work period	<b>6</b> Hand-in Lesson 32  Quiz ⇒ Lessons 30 to 32	<b>7</b> Review 1 to 32	<b>8</b> Doomsday Test ⇒ Lessons 1 to 32
<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b> <b>Non-diploma marks due at noon</b>
<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b> <b>Non-instruction Day</b>