



## Physical Science I & II

**Course Description:** The goal of this class is to introduce students to the physical sciences. This lecture and lab course will follow the tentative schedule provided. This schedule is subject to change at any time. Students will learn and build basic science skills, explore scientific concepts, as well as perform experiments that demonstrate scientific principles.

**Attendance:** Students are required to be in school every day. Students are responsible for communicating with their teachers to make up for missed learning.

**Course Expectations:** Although not everything is graded, everything is important. In order to demonstrate growth and learning, students will need to:

1. Participate in class activities (take notes, work in a group, complete in class tasks, ask questions) without distractions (cell phones, games, etc.)
2. Use morning time and the teacher to seek help outside of class when needed.
3. Complete all assessments within teacher timelines.

### Grading

**Skyward Assessment (Grades)** may include quizzes, labs, learning checks, tests, speeches, performances, and projects.

Final Grade	
A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

### Calculations:

Final Grade Calculation	
Cumulative Grade	<b>95%</b>
Final Exam(s)	<b>5%</b>

### Instructional Resources:

- cK12 resources
- PhET Lab resources
- Gizmo Lab resources
- Canvas

# Course Calendar/Pacing:

<p style="text-align: center;"><b>August/September</b></p> <table border="1"> <tr><td></td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> </table>		21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	<p style="text-align: center;"><b>October</b></p> <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					<p style="text-align: center;"><b>November</b></p> <table border="1"> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td></tr> </table>				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
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<b>No School</b>	<b>Professional Development / Teacher Workday</b>	<b>Early Release</b>																																																																																																																

Unit 1 – Measurement and Matter	3.5 weeks	Physical Science 1
Unit 2 – Atomic Structure	5 weeks	
Unit 3 – Chemical Bonding	5 weeks	
Unit 4 – Chemical Reactions	4.5 weeks	
Unit 5 – Motion and Forces	5 weeks	Physical Science 2
Unit 6 – Energy	5 weeks	
Unit 7 – Electricity and Magnetism	4 weeks	
Unit 8 - Waves	4 weeks	

*\*\* Keep in mind everything is tentative and subject to change \*\**