**Semester 1 Assignment Plan**

**Regular Physics**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Topic | Book Chap: Read/NotesClick for more info | Practice Probs.  | Section Review Questions | End of Chapter Questions and Problems  | Problem Sets | Labs/Sims | Test |
| [Aug 20-23](#Week_1) | Getting to know us and Physics | C |  |  |  | Safety Sheet signed | Garphing Motion | Mechanics Baseline Test |
| [Aug](#Week_2) 26-30 |  |  |  |  |  |  |  |  |
| [Sep](#Week_3) 2-6 |  |  |  |  |  |  |  |  |
| [Sep](#Week_3) 9-13 |  |  |  |  |  |  |  |  |
| [Sep](#Week_3) 16-20Mid Q1 |  |  |  |  |  |  |  |  |
| [[Sep](#Week_3) 23-27](#Week_6)  |  |  |  |  |  |  |  |  |
| [[Sep](#Week_3) 30- Oct](#Week_7) 4 |  |  |  |  |  |  |  |  |
| [Oct](#Week_8) 7-11 |  |  |  |  |  |  |  |  |
| [Oct](#Week_8) 14-18End 1st Q |  |  |  |  |  |  |  |  |
| [Oct](#Week_8) 21-25 |  |  |  |  |  |  |  |  |
| Oct 28-Nov 1 |  |  |  |  |  |  |  |  |
| Nov 4--8PTC |  |  |  |  |  |  |  |  |
| Nov 11-15 |  |  |  |  |  |  |  |  |
| Nov 18-22Mid Q2 |  |  |  |  |  |  |  |  |
| Nov 25-29TGBreak |  |  |  |  |  |  |  |  |
| Dec 2-6 |  |  |  |  |  |  |  |  |
| Dec 9-13 |  |  |  |  |  |  |  |  |
| Dec 16-20Sem Finals |  |  |  |  |  |  |  |  |
| Xmas |  |  |  |  |  |  |  |  |
| Xmas |  |  |  |  |  |  |  |  |
| Jan 6-10End of Sem |  |  |   |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 1: Aug 19-23

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** | No school |  |  |  |  |  |  |  |
| **Tuesday** | ½ day | This is me |  | Sound; waves; duck |  |  |  |  |
| **Wednesday** | starting |  | Go over lab safety in physics |  | Lab 1 Walking with graphs |  |  |  |
| **Thursday** |  |  | Safety sheet |  |  |  | Sign safety sheet |  |
| **Friday** |  |  |  |  |  |  |  | Mechanics Test |
|  **Next Week** |  |  |  |  |  |  |  | Saftey test Mon |

**Regular Physics Weekly Lesson Plan**

Week 2: Aug 26-30

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 3: Sep 2-6

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
| **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 4: Sep 9-13

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 5: Sep 16-20

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 6: Sep 23-27

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 7: Sep 30-Oct 4

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

**Regular Physics Weekly Lesson Plan**

Week 8: Oct 7-11

[Home](#Home)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Section** | **Concepts** | **Lecture Topic** | **Demos** | **Labs** | **Videos** | **Homework** | **Test/ Quiz** |
| **Monday** |  |  |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |  |  |
| **Wednesday** |  |  |  |  |  |  |  |  |
| **Thursday** |  |  |  |  |  |  |  |  |
| **Friday** |  |  |  |  |  |  |  |  |
|  **Next Week** |  |  |  |  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[Home](#Home)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter Section** | **Pages** | **Objectives** | **Vocab** | **Concepts** |
| Ch 22.1 | 590-600 | Describe conditions that create current in an electric circuit. Explain Ohm’s LawDesign closed circuits.Differentiate between power and energy in an electric circuit | Electric current, conventional current, battery, electric circuit, ampere resistance, resistor, parallel connection, series connection | Electric current, Electrical kinetic energy, conservation of charge, conservation of energy, Rate of charge flow, rate of energy transfer, power, Ohm’s Law, changing resistance, circuit diagram, drawing schematic diagram |
| Ch 22.2 | 591-605 | Explain how electric energy is converted into thermal energyExplore ways to deliver energy to consumersDefine the kilowatt-hour | Kilowatt-hour, superconductor | Energy transfer in circuits, thermal energy, superconductors, electric transmission, kilowatt-hour |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |