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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grade Level:**  | 9 | **Teacher/Room**: | Cruttenden  | / | 188 | **Course(s)/ Period(s):**  | Physical Science | / | 1, 3, 4 | **Week of:** | 5/15- 5/19  |
| **Unit Vocabulary:**  | All Vocabulary Chapters 5 (Thermal Energy), 7 (Electricity), 8 (Magnetism) |
| **Instructional Strategies Used:**  | direct instruction, focused learning, note-taking, peer grouping, demonstration, group discussion, BYOD, technology, kinesthetics  |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **Common Core Standard(s)**: | **Common Core Standard(s)** | **Common Core Standard(s)**: | **Common Core Standard(s)**: | **Common Core Standard(s)**: |
| SPS9d | SPS7a-d | SPS10c | SPS10a | SPS10b |
| **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** |
| What is Optics? | What is Heat? | How is an Electromagnet Manufactured in the Classroom? | How easily can Electrons be transferred to a new material? | What are the advantages of Parallel circuits over Series? |
| **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  |
| * Mirrors and Lenses
 | * Video Clip- Thermal Energy
 | * Permanent Magnets
 | * Static Electricity
 | * Series vs Parallel circuits
 |
| **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  |
| * Demonstration
* Discussion
* Vocabulary Acquisition
 | * Demonstration- Heat
* Discussion
* Review Notes
 | * Video Clips
* Kinesthetic- Lab Activity
 | * Demonstration- "Sticky" Balloon
* Kinesthetic- Lab Activity
 | * Discussion- Xmas Tree Lights
* Kinesthetic- Lab Activity
 |
| **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  |
| * Optics and the Eye
 | * The Nature of Heat
 | * Making Magnets Lab
 | * Charging by Contact/Induction Lab
 | * Building Circuits Lab
 |
| **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** |
| * Promethean Board
* Demo materials
* Student textbooks
 | * LCD Projector
* Demo Materials
* Notes
* Student Textbooks
 | * LCD Projector
* Lab Materials- Magnetism
 | * Demo Materials
* Lab Materials- Electricity
 | * Demo Materials
* Lab Materials- Circuits
 |
| **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  |
| *
 | *
 | * Lab Activity
 | * Lab Activity
 | * Lab Activity
 |
| ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** |
| * Peer Grouping
 | * Whole Group
 | * Student Groups
 | * Student Groups
 | * Student Groups
 |
| ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** |
| ***(What form of assessment did you use to determine your differentiation strategy?)***  |
| *
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| **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** |
| ***(Formative should be listed daily. List all that apply. Summative only applies to major grades.)*** |
| ***Formative:***  | Packet | ***Formative:***  | Vocab, Packet | ***Formative:*** | Magnet Lab | ***Formative:*** | Static Lab | ***Formative:*** | Circuit Lab |
| ***Summative:***  |       | ***Summative:***  |       | ***Summative:*** |       | ***Summative:*** |       | ***Summative:*** |       |
| **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  |
| None | None | None | None | None |
| Resources and Reflective Notes: | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Please note that these plans may change.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |