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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.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | | | | | | | | | | | | | | | |