

Pickens High School Lesson Planning Template

Grade Level: 9	Teacher/Room: Timms / 189	Course(s)/ Period(s): Physical Science / 2,4	Week of: May 5 - 9, 2014	
Unit Vocabulary: waves, sound, light, electricity, magnetism, volt, ampere, watt, ohm, Law of Conservation of Energy, circuit, series circuit, parallel circuit, open circuit, closed circuit, wave, crest, trough, frequency, amplitude, speed, reflection, refraction, diffraction, resonance, echo, Doppler effect or shift, electromagnetic spectrum, transverse wave, longitudinal wave, compression, rarefaction				
Instructional Strategies Used: lecture, small group and large group discussions, laboratory, Brain Pop video segments, quizlet flash cards, BYOD, think-pair-share, KWL, individualized practice, ticket out the door, graphic organizers, Edmodo				
Day 1	Day 2	Day 3	Day 4	Day 5
Common Core Standard(s): SPS 7,9,10	Common Core Standard(s) SPS 7,9,10	Common Core Standard(s): SPS 7,9,10	Common Core Standard(s): SPS 7,9,10	Common Core Standard(s): SPS 7,9,10
Essential Question: How is energy transformed in the burning of a match?	Essential Question: How are electricity and magnetism related?	Essential Question: What is the difference between a series and a parallel circuit?	Essential Question: How are current, voltage, and resistance related?	Essential Question: What are the different properties of waves? How is wave speed calculated?
Mini Lesson: <ul style="list-style-type: none"> Go over energy definitions and pictures activity. Activating Strategies: <ul style="list-style-type: none"> usaTestprep practice Brain Pop Video and questions Lesson: <ul style="list-style-type: none"> Notes on Electricity and Magnetism. 	Mini Lesson: <ul style="list-style-type: none"> BrainPOP Activating Strategies: <ul style="list-style-type: none"> usaTestprep practice Quizlet cards for the unit vocabulary terms.: Lesson: <ul style="list-style-type: none"> Note taking sheet for Chapter on Energy. RAFT activity 	Mini Lesson: <ul style="list-style-type: none"> Edmodo Response Post for assigned question. Activating Strategies: <ul style="list-style-type: none"> usaTestprep practice Working problems with Ohm's Law. Lesson: <ul style="list-style-type: none"> Work on choice of Q and A's. 	Mini Lesson: <ul style="list-style-type: none"> Video Clip: Waves Activating Strategies: <ul style="list-style-type: none"> usaTestprep practice Vocabulary Review Electricity, Magnetism, Waves, Light, Sound Lesson: <ul style="list-style-type: none"> Looking at circuit diagrams. Solving problems with the wave equation. 	Mini Lesson: <ul style="list-style-type: none"> Test Review Activating Strategies: <ul style="list-style-type: none"> usaTestprep practice Study notes and quzlet cards. Lesson: <ul style="list-style-type: none"> Benchmark Test #1 - usaTestprep.
Resource/Materials: <ul style="list-style-type: none"> textbook, notebook, video, BYOD 	Resource/Materials: <ul style="list-style-type: none"> textbook, notebook, video, BYOD 	Resource/Materials: <ul style="list-style-type: none"> textbook, notebook, video, BYOD 	Resource/Materials: <ul style="list-style-type: none"> textbook, notebook, video, BYOD, laboratory materials 	Resource/Materials: <ul style="list-style-type: none"> textbook, notebook, video, BYOD, laboratory materials
Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Grouping Strategy (if any): <ul style="list-style-type: none"> ability based on test scores and teacher observations and interests. Assessment Strategy: <ul style="list-style-type: none"> oral questioning quizlet 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> RAFT activity Grouping Strategy (if any): <ul style="list-style-type: none"> ability based on test scores and teacher observations and interests. Assessment Strategy: <ul style="list-style-type: none"> oral questioning quizlet 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Choice Q and A's Grouping Strategy (if any): <ul style="list-style-type: none"> ability based on test scores and teacher observations and interests. Assessment Strategy: <ul style="list-style-type: none"> oral questioning quizlet 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> student drawn circuit diagrams Grouping Strategy (if any): <ul style="list-style-type: none"> ability based on test scores and teacher observations and interests. Assessment Strategy: <ul style="list-style-type: none"> oral questioning quizlet 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Grouping Strategy (if any): <ul style="list-style-type: none"> ability based on test scores and teacher observations and interests. Assessment Strategy: <ul style="list-style-type: none"> oral questioning quizlet
(What form of assessment did you use to determine your differentiation strategy?)				
(Formative should be listed daily. List all that apply. Summative only applies to major grades.)				
Assessment : Formative: Ticket out the door: KWL - What did I learn?	Assessment : Formative: Ticket out the door:	Assessment : Formative: Vocabulary quiz on solutions	Assessment : Formative: laboratory results and discussion.	Assessment : Formative:

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<i>Summative:</i>	<i>Summative:</i>	<i>Summative:</i>	<i>Summative:</i>	<i>Summative:</i> testing
Homework: Review and study notes.	Homework: Review and study notes.	Homework: Review and study notes.	Homework: Review and study notes.	Homework: Work on your quizlet site and usaTestprep

Resources and Reflective Notes: