

Pickens High School Lesson Planning Template

Grade Level: 9-10	Teacher/Room: McCoy / 188	Course(s)/ Period(s): Physical Science / 1/2/4	Week of: Jan 20-23, 2014	
Unit Vocabulary: family, group, periodic trend, atomic radius, ionization energy, isotope				
Instructional Strategies Used: direct instruction, oral questioning, Focused Learning, hands on, word splash, note-taking, project				
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):
GPS SPS1. Students will investigate our current understanding of the atom.	GPS SPS1. Students will investigate our current understanding of the atom.	GPS SPS1. Students will investigate our current understanding of the atom.	SPS1. Students will investigate our current understanding of the atom. a. Examine the structure of the atom in terms of proton, electron, and neutron locations. atomic mass and atomic number. atoms with different numbers of neutrons (isotopes). explain the relationship of the proton number to the element's identity.	SPS1. Students will investigate our current understanding of the atom. a. Examine the structure of the atom in terms of proton, electron, and neutron locations. atomic mass and atomic number. atoms with different numbers of neutrons (isotopes). explain the relationship of the proton number to the element's identity.
SCSh7. Students will analyze how scientific knowledge is developed.	SCSh7. Students will analyze how scientific knowledge is developed.	ELPS 1 English language learners communicate for Social and Instructional purposes within the school setting.	ELPS 1 English language learners communicate for Social and Instructional purposes within the school setting.	ELPS 1 English language learners communicate for Social and Instructional purposes within the school setting.
ELPS 1 English language learners communicate for Social and Instructional purposes within the school setting.	ELPS 4 English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.	ELPS 4 English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.	ELPS 4 English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.	ELPS 4 English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.
Room 484	Media Center			
Essential Question:	Essential Question: What are the parts of an atom and what determines its identity?	Essential Question: How has the theory of the structure of an atom changed over time?	Essential Question: What is an isotope?	Essential Question: How is the periodic table arranged?
Mini Lesson: <ul style="list-style-type: none">Activating Strategies:<ul style="list-style-type: none">• Introduce Activity• Youtube	Mini Lesson: <ul style="list-style-type: none">Activating Strategies:<ul style="list-style-type: none">• Introduce Activity• Youtube	Mini Lesson: <ul style="list-style-type: none">Activating Strategies:<ul style="list-style-type: none">• show examples of wanted posters• Youtube	Mini Lesson: <ul style="list-style-type: none">Activating Strategies:<ul style="list-style-type: none">• Youtube	Mini Lesson: <ul style="list-style-type: none">Activating Strategies:<ul style="list-style-type: none">• class review for the test
Lesson:	Lesson:	Lesson:	Lesson:	Lesson:

Pickens High School Lesson Planning Template

• Resource/Materials: •	<ul style="list-style-type: none"> Explore Learning "Build An Atom" Simulation <p>Resource/Materials:</p> <ul style="list-style-type: none"> Computer Lab Simulation Handouts 	<ul style="list-style-type: none"> Atomic Timeline Activity and Scientist Wanted Poster <p>Resource/Materials:</p> <ul style="list-style-type: none"> worksheets computer lab 	<ul style="list-style-type: none"> Isotope Activity <p>Resource/Materials:</p> <ul style="list-style-type: none"> M & M's Handouts 	<ul style="list-style-type: none"> • <p>Resource/Materials:</p> <ul style="list-style-type: none"> Handouts
<p>Differentiation: <i>Content/Process/Product:</i></p> <ul style="list-style-type: none"> <p>Grouping Strategy (if any):</p> <ul style="list-style-type: none"> <p>Assessment Strategy:</p> <ul style="list-style-type: none"> 	<p>Differentiation: <i>Content/Process/Product:</i></p> <ul style="list-style-type: none"> product-technology <p>Grouping Strategy (if any):</p> <ul style="list-style-type: none"> <p>Assessment Strategy:</p>	<p>Differentiation: <i>Content/Process/Product:</i></p> <ul style="list-style-type: none"> process-technology <p>Grouping Strategy (if any):</p> <ul style="list-style-type: none"> <p>Assessment Strategy:</p>	<p>Differentiation: <i>Content/Process/Product:</i></p> <ul style="list-style-type: none"> process-lab <p>Grouping Strategy (if any):</p> <ul style="list-style-type: none"> flexible grouping <p>Assessment Strategy:</p>	<p>Differentiation: <i>Content/Process/Product:</i></p> <ul style="list-style-type: none"> process-manipulative alternate test for ESL small group setting when necessary <p>Grouping Strategy (if any):</p> <ul style="list-style-type: none"> <p>Assessment Strategy:</p>
<p>Assessment :</p> <p><i>(Formative should be listed daily. List all that apply. Summative only applies to major grades.)</i></p> <p>Formative: Summative:</p>	<p>Assessment :</p> <p><i>(Formative should be listed daily. List all that apply. Summative only applies to major grades.)</i></p> <p>Formative: simulation worksheets Summative:</p>	<p>Assessment :</p> <p><i>(Formative should be listed daily. List all that apply. Summative only applies to major grades.)</i></p> <p>Formative: Wanted Poster Summative:</p>	<p>Assessment :</p> <p><i>(Formative should be listed daily. List all that apply. Summative only applies to major grades.)</i></p> <p>Formative: lab paper Summative:</p>	<p>Assessment :</p> <p><i>(Formative should be listed daily. List all that apply. Summative only applies to major grades.)</i></p> <p>Formative: test Summative:</p>
<p>Homework:</p> <p>finish worksheets</p>	<p>Homework:</p> <p>finish worksheets</p>	<p>Homework:</p> <p></p>	<p>Homework:</p> <p>finish lab sheets</p>	<p>Homework:</p> <p>new vocab</p>

Resources and Reflective Notes:

*****Please note that these plans may change.*****

Also please note, the GPS are listed, not the Common Core Standards.