



# 8<sup>th</sup> Grade Science– Week (5-8-17)

TEACHER: JULIE M. MUELLER

GRADE: 8

SUBJECT TO CHANGE WITH VIDEOS TO COMPLETE AND LAB. IF TEAMS HAVE VIDEO TAPING TO DO THEY WILL NEED TO DO ON DAYS ALL ARE HERE.

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>OBJECTIVE(S)</b> (WHAT DO I WANT STUDENTS TO KNOW/)	<p>Get any additional outside shots.</p> <p>Videos due on/or before Friday 5-12.</p> <p>Define electric current.</p> <p>Define circuit.</p> <p>Define amperes.</p> <p>Define voltage.</p>	<p>Know how to use ammeter.</p> <p>Know how to use voltmeter.</p> <p>Identify a series circuit.</p> <p>Identify a parallel circuit.</p>	<p>Build a simple circuit.</p> <p>Follow a schematic to set up two light bulbs connected in a series with ammeter.</p> <p>Follow a schematic to set up two light bulbs connected in parallel in a circuit with an ammeter.</p>	<p>Follow a schematic to set up one individual parallel line in the circuit.</p> <p>Conduct voltaic well cell experiments as directed.</p> <p>Complete Inquiry A sheet.</p> <p>Complete Inquiry B sheet.</p>	<p>Calculate for Resistance. (<math>R=E/I</math>)</p> <p>Calculate for Voltage. (<math>E=I \times R</math>)</p> <p>Calculate for Current. (<math>I=E/R</math>)</p> <p>Calculate for Power. (<math>P= E \times I</math>)</p> <p>Calculate for Voltage. (<math>E= P/I</math>)</p> <p>Calculate for current (<math>I = P/E</math>)</p>

<p><b>INSTRUCTIONAL METHODS</b></p> <p>(HOW AM I GOING TO INSTRUCT/)</p>	<p>Students will work through a series of hands-on activities to complete the skill sets listed Monday-Friday. The skill sets will not be completed in laid out order for all as due to supplies we will have to start in different places.</p>	<p>Students will work through a series of hands-on activities to complete the skill sets listed Monday-Friday. The skill sets will not be completed in laid out order for all as due to supplies we will have to start in different places.</p>	<p>Students will work through a series of hands-on activities to complete the skill sets listed Monday-Friday. The skill sets will not be completed in laid out order for all as due to supplies we will have to start in different places.</p>	<p>Students will work through a series of hands-on activities to complete the skill sets listed Monday-Friday. The skill sets will not be completed in laid out order for all as due to supplies we will have to start in different places.</p>	<p>Students will work through a series of hands-on activities to complete the skill sets listed Monday-Friday. The skill sets will not be completed in laid out order for all as due to supplies we will have to start in different places.</p>
<p><b>ASSESSMENT</b></p> <p>HOW WILL I ASSESS LEARNING</p>	<p>Lab packets will be turned in for a grade.</p>	<p>Lab packets will be turned in for a grade.</p>	<p>Lab packets will be turned in for a grade.</p>	<p>Lab packets will be turned in for a grade.</p>	<p>Lab packets will be turned in for a grade.</p>
<p><b>CLOSURE</b></p>	<p>Clean up.</p>	<p>Clean up.</p>	<p>Clean up.</p>	<p>Clean up.</p>	<p>Clean up. Access where we are at with the labs.</p>