

Objective Reinforcement Plan
Current and Circuits

Name: _____

Objective	Reinforcement	Quiz 1 Score	Quiz 2 Score	Review Test	Test
8.1 Define, distinguish, and discuss current, voltage, resistance, voltmeter, ammeter, short circuit, alternating current, direct current	1) Read book: 19.1-3, 20.1-3 Create a vocab note sheet. <i>34.1-34.5</i> 2) MOP Circuits SubLev: 1,2,3 <i>3) pg. 716 #26</i>				
8.2 Solve numerical/relationship problems involving Ohm's Law.	1) Read book: 19.2 <i>34.5</i> Create a main idea detail diagram 2) MOP-Circuits SubLev:4,5 3) Text problems pg 707-711 <i>698 31, 33-36</i>				
8.3 Simplify series circuits and solve for total values or individual element values of current, voltage, and resistance	1) Read book: 20.1-20.2 and create two column notes on the sections 2) MOP-Circuits SubLev:9,12 <i>35.2-35.3</i> 3) Text problems pg 709-710 <i>715: 17, 22-33</i> 4) Read TPC: Electricity 4c and show your work for the CYU				
8.4 Simplify parallel circuits and solve for total values or individual element values of current, voltage, and resistance	1) Read book: pg 740-745 <i>35.4</i> Create a main idea detail diagram 2) MOP- Circuits SubLev:10,12 3) Text problems pg 741-744 <i>716: 22, 42, 53, 55</i> 4) Read TPC: Electricity 4d and show work for the CYU				
8.5 Calculate the power used by series and parallel circuits.	1) Read book: 40.3 and do two column notes <i>34.11</i> 2) Text Problems pg 710-711 <i>707 # 69a, 72; 717: 44, 47</i> 3) Read TPC: 3d and show your work for the CYU				
8.6 Define, distinguish, and discuss series and parallel circuits and the differences between them.	1) Read book: 20.2 and create a venn diagram on series vs parallel 2) Text Problems pg 748 1-2 <i>710: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</i> 3) MOP- Circuits SubLev:7,8 4) Read TPC Electricity 4b, c, d and show work for CYU				
8.7 Discuss and apply circuit concepts household scenarios.	1) Text Problems pg 752-4-6 <i>715: 37, 38, 40</i> <i>35.6</i> <i>718: 52, 54</i>				
8.8 Simplify complex circuits and solve for total values or individual element values of current, voltage, and resistance	1) Read book: 20.3 Write a one sentence summary for each major topic 2) MOP- Circuits SubLev:11 3) Text Problems pg 752-1-3 4) Read TPC: Electricity 4e and show your work for CYU				

If you score below a 52% on any objective of any of the quizzes, then you are required to complete the bolded reinforcements. You also will need to choose one of the italicized options and complete it. These reinforcements will be due the day of the test stapled to the back of this page. If you score below a 52% on any objective for the review test, there is no required work to complete but you SHOULD look back to some of these reinforcements.

TPC =Tutorials found at www.physicsclassroom.com

MOP = Minds on Physics found at www.physicsclassroom.com (be sure to print the success screen by clicking Pri Sc on the function keys and pasting that into a word document)

CYU = Check your understanding questions at the end of a tutorial

