List at least two sources of electricity:	
List at least two ways of producing electricity:	
Requirement 2	
☐ Make a simple electromagnet. You may use the space below to draw your design	gn.
	de como con estado de discono de colorio de la
Show and state the relationship between electricity and magnetism. You may use	the extra space below to diagram the relationship.

_____Unit # ______Date _____

Scout Name ___

Scout Name		Unit #	Date
Requirement 3			
☐ Understand the difference betw	een Direct Current and Alte	ernating Current.	
☐ Show use for each type of curre	ent is adapted.		
Direct Current		Alternating Current	
	 		
Give a method of determining wha	at current flows in a given c	ircuit:	
Requirement 4			
Have elementary knowledge of the	e construction of the following	ing:	
☐ Cells ☐ Batteries	☐ Switches ☐ Electric Bells	☐ Transformers	
Requirement 5			
Demonstrate the following:			
☐ How to replace fuses ☐ Properly splice a rubbe	er-covered wire	☐ Properly solder a rubber-covered wing ☐ Tape a rubber-covered wire	re
Requirement 6			
Draw a diagram showing the light	s, switches, and outlets cont	trolled by each fuse in your house.	
Requirement 7			
Read correctly an electric meter	and compute the hill	$(30^{\circ})^{\circ}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{9}$ $\frac{9}{8}$ $\frac{9}{9}$ $\frac{1}{2}$
incau correctly an electric fileter	and compute the offi	7 6 5 4 5 6 7 7 6 5	43/10 3/10 3/10 43/