Scout Name	Unit #	Date
Floatronias Morit Padas Morles	hoot	
Electronics Merit Badge Works	ileet	
Requirement 1		
Explain the theory of the transistor.		
Tell how transistors may be used in making simply circuits with	the following:	
Resistors		
		
Capacitors		

Coils

Scout Name	Unit #	Date
Requirement 2		
Draw a simple circuit showing the resistors or tubes. Label all parts.		
☐ Wire the circuit above.		
☐ Demonstrate the right way to solder		
☐ Demonstrate the right way to unsolder		
Explain how to avoid heat damage to parts		

Scout Name		Unit #	Date
Requirement 3			
Explain Remote-Control			
☐ Build a device to show an electron	nic circuit is used for remote control		
Explain Electronic Brain			
Explain Electronic Brain			
Explain the Binary System of Number	arg.		
Explain the Billary System of Number			
Change the following Binary Number	ers to decimal Numbers		
00010 -	00101		
00111 -			
00100 -			
10100	11011		
☐ Build a simple flip-flop circuit wit	th either transistors or tubes.		

Scout Name	Unit #	Date
Requirement 4		
Discuss job opportunities in the field of electronics		
<u> </u>		