		<u>Boffins 5</u>	
_		omplete the sentences with missing words.	
	_	et electricity from the or from	
		ER stick scissors, pens, fingers or anything else into a	
3)	NEVI	ER touch switches with	
<b>4</b> )	NEVI	ER use electrical appliances near	
5)	ALW	AYS hold the part of a plug when plugging in or unplugging appliances.	
		(Two points for each correct answer)	
		Points:	
<u>Ja</u>	velin F	Read the sentences and try to guess what the missing word might be.	
1)	An a	is a device in the home that uses electricity.	
		ricity in a circuit might come from a b	
-		her word for a battery is a c	
<b>4</b> )	When	n we draw a circuit, we must use a c d	
		on't draw pictures in a diagram, we use c s	
		is anything that does a job in a circuit, such as a motor, bell or buzzer.	
-		is any material that allows electricity to flow through it.	
		won't let electricity flow through.	
		is used to make a gap in a circuit, to turn it on or off.	
10)		n electricity flows from one end of a source and back to another, through any components, a	ınd
	witho	out gaps, we call it a c c	
		(One point for each correct answer).	
		Points:	
200	0M.	Say whether you think these circuits would work, and why.	
<u> 200</u>	<u>U1<b>V1.</b></u>	Say whether you think these circuits would work, and why.	
	1)		
	-/		
		'	

2)

3)

<b>Discus</b> Answer these questions:			
	Name five things in your home that wouldn't work without electricity.		
a)			
<b>b</b> )			
c)			
d)			
e)			
2)	Say yes or no. Which of these would conduct electricity and which would not?		
ĺ	copper		
	wood		
c)	paper		
-	iron		
	rubber		
- /	(One point for each correct answer)		
	Points:		
	eight Lifting Answer only one question from this section.		
1)	Why do bathroom light switches often work by pulling a cord? (2 points)		
2)	You are given a battery, two wires and a bulb. The bulb won't light. What might be wrong? (4		
2)	points)  If I add an autra battany to a singuit, how will this affect the bulb? (6 points)		
	If I add an extra battery to a circuit, how will this affect the bulb? (6 points)		
	When does a short circuit happen? (8 points)		
3)	Give two ways in which I could make a bulb in a circuit shine with a fainter light. (10 points)  Points:		
	1 Offits		
Ste	eple Chase Answer each question carefully. If you get one wrong, you must stop marking!		
	Why are batteries safer than using the mains?		
	Why do we need to use metal for wires?		
	Why do we use a plastic coating around the wire?		
<b>4</b> )	Why is it sensible to wear rubber wellies to mow the lawn with an electrical mower?		
	What would happen if I cut a wire in a circuit?		
<b>6</b> )	What might happen if I kept on adding batteries to a simple circuit?		
<b>7</b> )	What would happen if I added more bulbs to a simple circuit?		
	Is the bulb nearest the battery brighter/dimmer/the same as the others in a circuit?		
	What is the name of the wire which glows red in a bulb?		
	Give another name for a) battery b) bulb		
IU)	ore another name for a) value y v) valu		
	(One point for each correct answer)		
	Points:		
	Total Points:		