

Class:



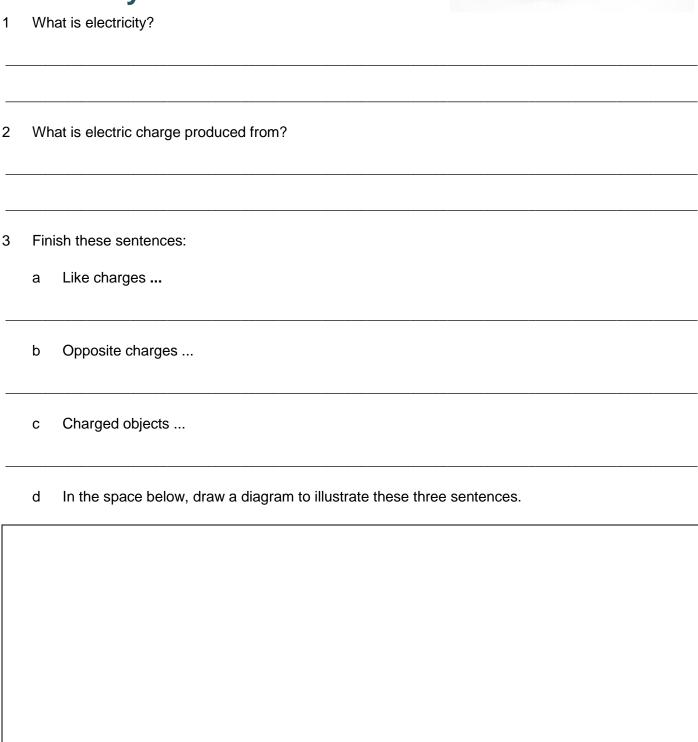
Student worksheet

5.5 Electricity is the presence and flow of electric changes

Pages 104-105 and 208-209

Name:

Electricity



OXFORD SCIENCE

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4	What is a van de Graaff generator and what can it be used for?
5	What happens when positive and negative charges are separated?
6	Why is it hard to separate charges, and what can be done to overcome this?
7 —	What is a closed circuit, and what is another name for this?
8	Draw a diagram of a closed circuit showing a battery, wires, globe and the flow of electricity.

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9	Using an example, explain what the following are:			
	а	electrical conductor		
	b	electrical insulator		
	С	semiconductor		
Pe	Extend your understanding People often experience electric shocks when they are least expecting it. What is an electric shock?			
11	In	what circumstances do you receive an electric shock? That is, what must you be wearing or doing?		
12	WI	ny do you seem to get electric shocks when near something metallic?		
13	WI	hat metallic objects have you been in contact with recently that have caused you to receive a shock?		