

NAME:

SUBJECT: SCIENCE YEAR: FOUR ASSIGNMENT: SEVEN

Write directly on the paper.

1. List three different appliances which need batteries to work them.

(3 marks)

2. List three different appliances which need mains power to work them.

(3 marks)

3. What is the most common wire used in mains electrical appliances?

(1 mark)

4. Why does this wire need to be coated in plastic or rubber when it is used for electrical purposes?

(3 marks)

5. Why is it not a good idea to use a hair dryer whilst sitting in a bath full of water?

(3 marks)

ASSIGNMENT



- 6. Draw a diagram of a complete battery powered circuit which is lighting up a small bulb.

(6 marks)

- 7. List three objects which are good conductors of electricity.

(3 marks)

- 8. List three objects which do NOT conduct electricity.

(3 marks)

- 9. What would happen to a light bulb if you increased the number of batteries in your circuit from one to two?

(3 marks)

TOTAL FOR ASSIGNMENT 28 MARKS

ASSIGNMENT

