

Student Evaluation Quiz

When students have completed the Unit the following Quiz may be used to evaluate the students' learning:

NAME: _____ CLASS: _____

1. What is electricity?

2. We have to be very careful when we use metal items as metal is a

conductor of electricity.

3. Why should we not operate electrical appliances when standing in water?

4. What would you do if you saw a frayed electrical cord?

5. Electricity substations transport electricity from power stations to our homes. If a friend of yours accidentally kicks your brand new soccer ball over the fence of a substation, what would you do?

- (a) Ask your friend to buy you a new ball.
- (b) Carefully climb the fence and retrieve your ball.
- (c) Inform an adult, contact the energy supplier and leave your details.
- (d) Forget about the ball.

6. In the case of an electrical emergency what four (4) steps should you follow:

- 1. Ensure _____
- 2. Turn _____
- 3. Get _____
- 4. Ring _____

7. From your work in investigating electricity what were some discoveries you and your group made that you did not previously know?

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8. What electrical safety features has your group included in their Design and Make project?

9. Why is electricity around pools dangerous?

10. What is a fuse and what does it do?
