

Power Lines

Electricity All Around Us
Learner Worksheet



Name:

Illustrate how electricity get to your home below. Include the generation of electricity, substations that increase or decrease the electricity, transformers, and underground or overhead service of power lines:

Questions:

- 1. List any safety concerns that you can think of around your home and in your community.**

- 2. Can you find any substations or transmission lines where electricity comes into your school? You may need to ask permission to go outside and walk around the school.**

- 3. The electrical wires inside the walls of your house are insulated with a type of strong plastic, but the high-voltage transmission wires on towers and power lines outside have no such plastic on them. How is the electricity in bare power lines prevented from getting to the ground?**
