

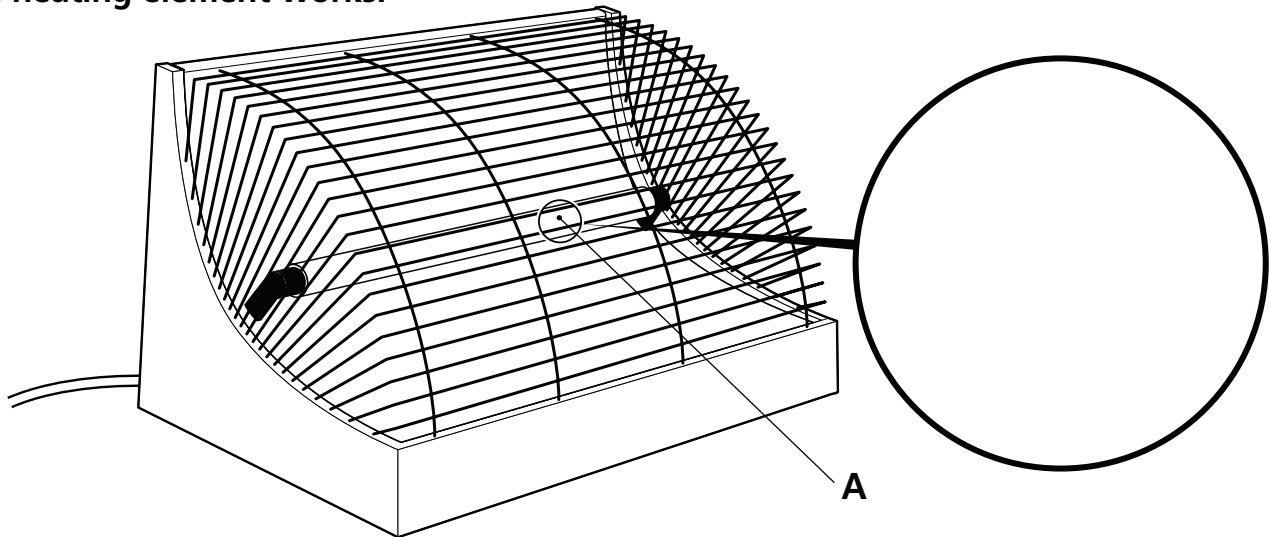


Name: Form:

See pages 18 and 19 of *Changing circuits*

Using electricity for heat


When a large current flows through a thin wire, it will get hot. This is how a heating element works.



Q1. The diagram shows a single bar electric fire.

(i) What is the part labelled A? 

(ii) In the circle, draw what part A looks like close up.

Q2. When electricity flows through a wire, what else may flow through the wire besides heat? 

Q3. How could you tell that an electric fire was on just by looking at it?



Q4. What is an immersion heater used for?



Q5. What prevents bread from touching the hot wires in a toaster?



Q6. In hair dryers, what does the fan do?





