

Reference : CIRCOND



Ingenious: by melting the wax, it spreads on the bar in the direction of thermal conduction

Cognitive objective:

Principle of thermal conduction in a metal.

Activity:

Observe heat transfer in a metal bar with wax pellets and a thermocouple (temperature capture up to 1000° C).

Composition :

- Two iron bars of 50cm
- 100 beeswax pellets (pot of 50ml)
- A thermocouple
- Instructions

Necessary material:

- Hotplate
- Heat resistant gloves
- Paper, pencil and ruler

