

## complete the sentence

Science Interactive LTD, PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

cooler

rate

good

nuclear

heat

wind

generate

easily

device

- Heat is transferred to \_\_\_\_\_ surroundings by conduction, radiation and convection.
- Dark objects are \_\_\_\_\_ absorbers and emitters of thermal radiation.
- Metals are good conductors of \_\_\_\_\_ energy. This is why they feel 'cold' to the touch.
- The efficiency of a \_\_\_\_\_ tells us how good it is at transferring energy into useful forms.
- Electrical energy is very useful because it is \_\_\_\_\_ transformed to other energy forms by devices like toasters, bulbs and televisions.
- Power is the \_\_\_\_\_ at which a device like a toaster or television transforms energy.
- Using renewable energies to \_\_\_\_\_ electricity doesn't contribute to global warming.
- An average \_\_\_\_\_ power station only uses approximately 1 kg of fuel every day.
- By 2020, the UK will generate about 10% of its electricity by using \_\_\_\_\_ power.

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- a) Heat is transferred to cooler surroundings by conduction, radiation and convection.
- b) Dark objects are good absorbers and emitters of thermal radiation.
- c) Metals are good conductors of heat energy. This is why they feel 'cold' to the touch.
- d) The efficiency of a device tells us how good it is at transferring energy into useful forms.
- e) Electrical energy is very useful because it is easily transformed to other energy forms by devices like toasters, bulbs and televisions.
- f) Power is the rate at which a device like a toaster or television transforms energy.
- g) Using renewable energies to generate electricity doesn't contribute to global warming.
- h) An average nuclear power station only uses approximately 1 kg of fuel every day.
- i) By 2020, the UK will generate about 10% of its electricity by using wind power.