

Heat Transfer Examples

1. Identify how the energy is being transferred in each picture
2. Identify the type of energy transfer (conduction, convection, radiation)

Example

Heat is moving from:

The fire

Heat is moving to:

The marshmallow

How:

Convection (heat rising)



Example

Heat is moving from:

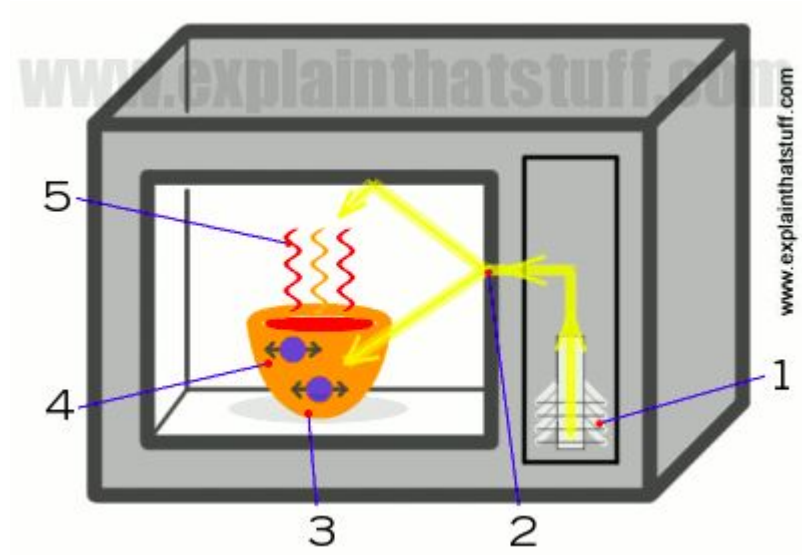
The microwave

Heat is moving to:

The cup

How:

Radiation (microwaves)



Car:

Heat is moving from:

Heat is moving to:

How:



Greenhouse

Heat is moving from:

Heat is moving to:

How:



Road

Heat is moving from:

Heat is moving to:

How:



Tanning

Heat is moving from:

Heat is moving to:

How:



Cold tile

Heat is moving from:

Heat is moving to:

How:



Grilling

Heat is moving from:

Heat is moving to:

How:



Hair dryer

Heat is moving from:

Heat is moving to:

How:



Hot coals

Heat is moving from:

Heat is moving to:

How:



Ice pack

Heat is moving from:

Heat is moving to:

How:

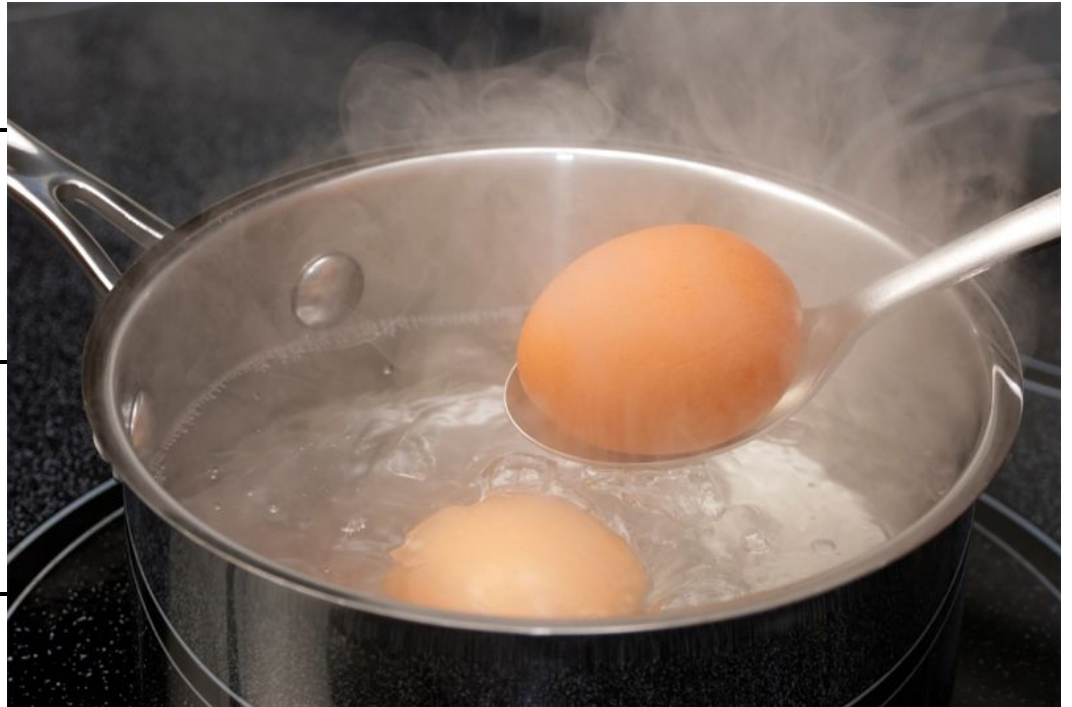


Eggs

Heat is moving from:

Heat is moving to:

How:



Chromebook fan

Heat is moving from:

Heat is moving to:

How:



Popcorn

Heat is moving from:

Heat is moving to:

How:

