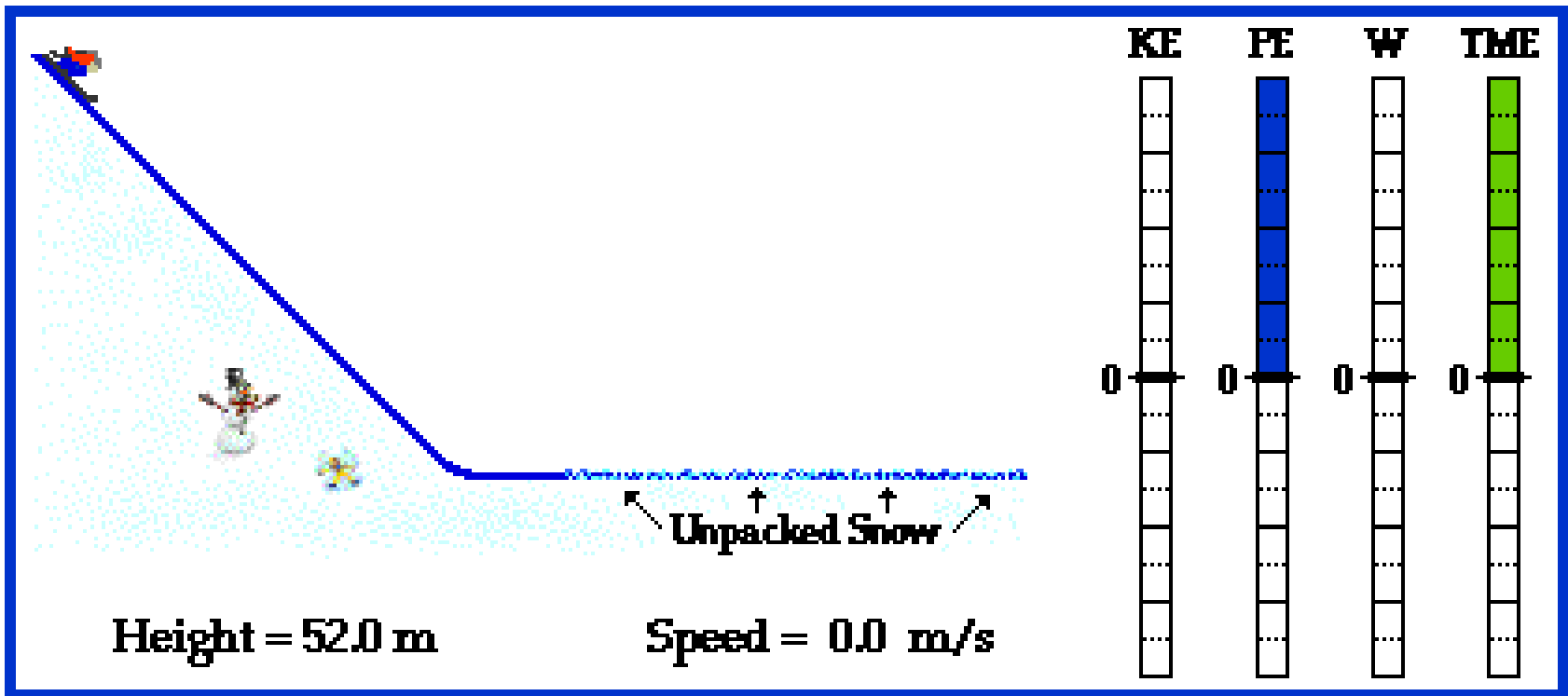


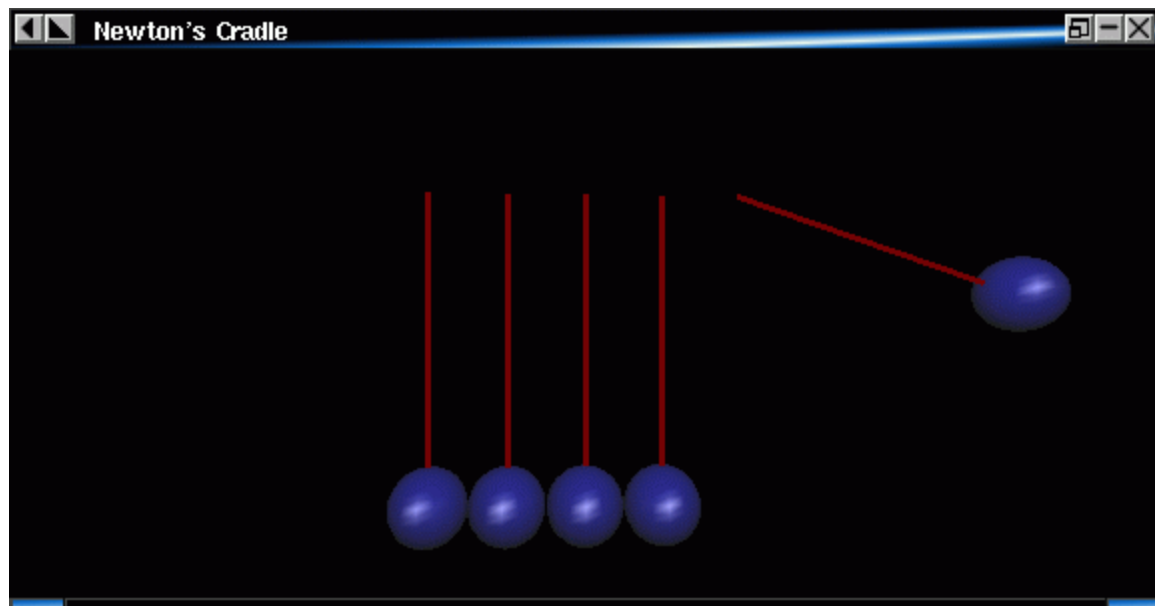
Energy Notes

Page 3

Energy Transfer

What's the difference between kinetic and potential energy?
Give a real-life example of each.





Kinetic Energy

energy in motion

EXAMPLES

SKIING DOWNHILL
THROWING A BOWLING BALL
WATER FLOWING IN A RIVER

Potential Energy

stored energy

EXAMPLES

AT THE TOP OF A SKI SLOPE
WATER BEHIND A DAM

What are the three ways that energy can be transferred between objects?

Give one real-life example of each.

conduction



solids

collision

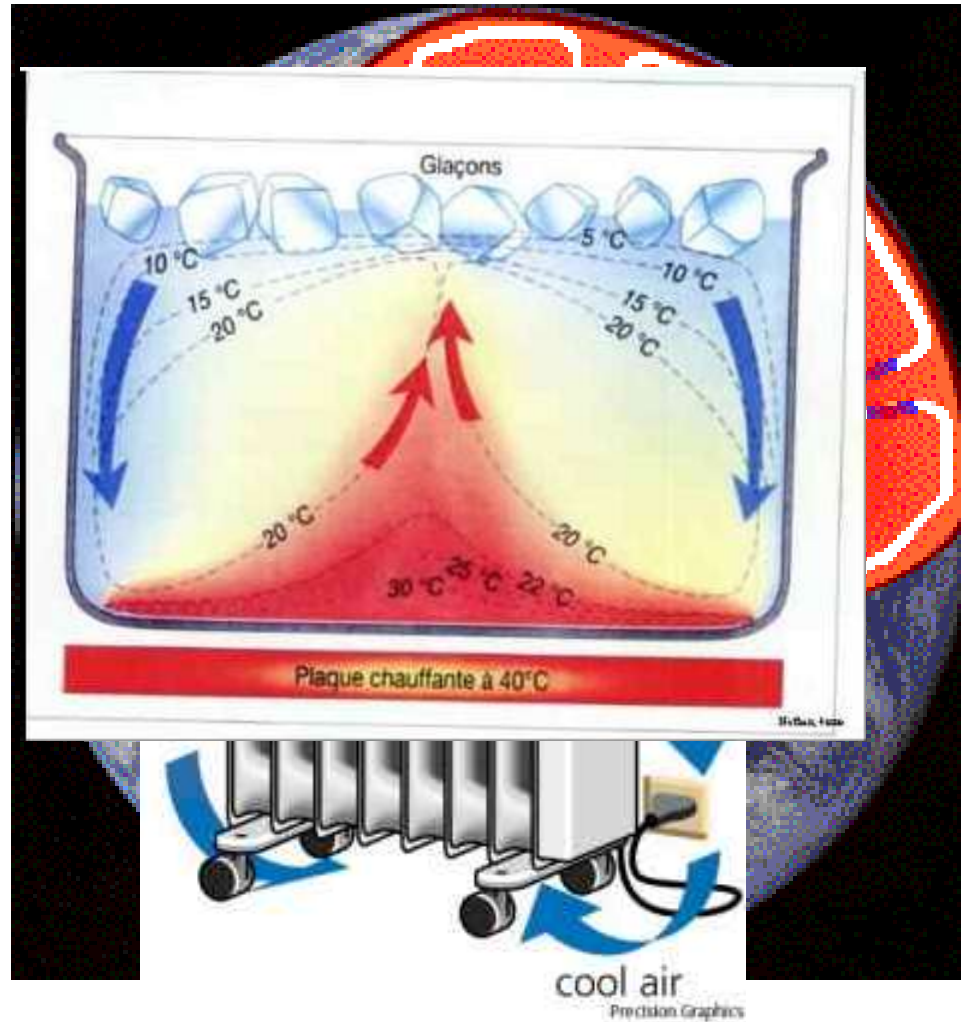


convection

liquids & gases

differences in density

convection examples:



convection

bottom

top

radiation



waves



How are different types of energy told apart?

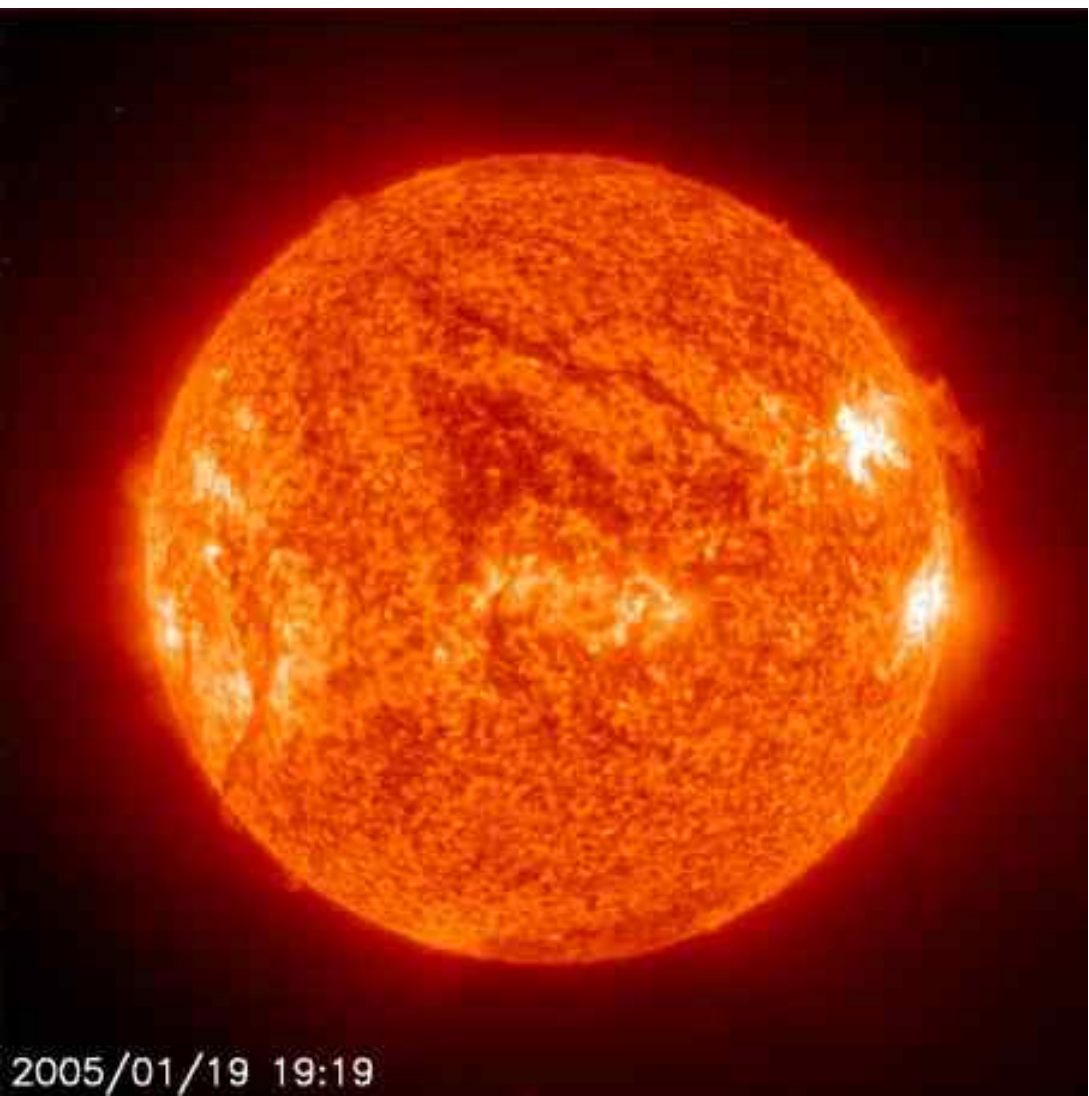


by their wavelengths

**Which is more powerful?
Short or long waves?**

short

Redshifted Iron



2005/01/19 19:19

Best Absorbers

dark & rough

Best Reflectors

light colored & smooth

**A good absorber
is a good**

RADIATOR