

1/11/17

WB Transfer of Energy

Question: What are the "transfers of energy" for each Energy Activity?

- 1) Question & TOC
- 2) Partner WB
- 3) Share with class
- 4) Update your NB
- 5) Reading Energy

Conservation of Energy

1) Putt Putt Boat

A

2) Popper

J

3) Radiometer

D

4) Dominoes

C

5) Hand generator

D

6) Clashing Spheres

J

7) Wind Up Toys

A

8) Mousetrap catapult

C

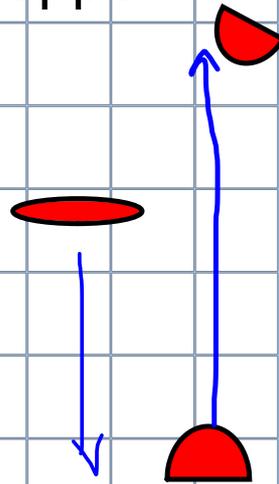
Energy Explorations

1) Putt Putt Boat



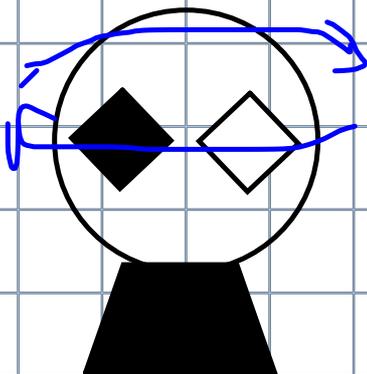
$E_g \rightarrow E_K \rightarrow E_{EL}$

2) Popper



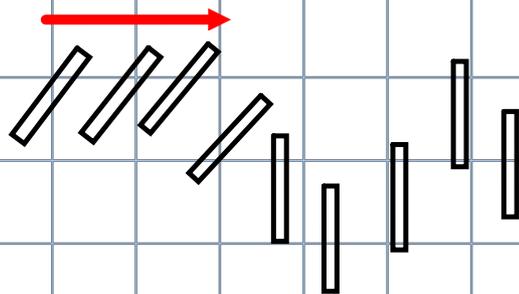
3) Radiometer

$E_{RAD} \rightarrow E_{TH} \rightarrow E_K$



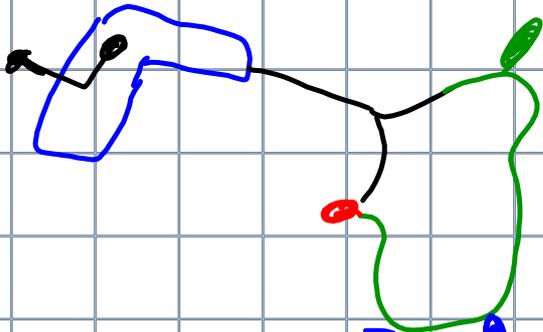
4) Dominoes

Work $\rightarrow E_g \rightarrow E_K$



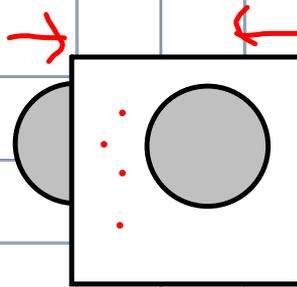
Energy Explorations

5) Hand generator



Kinetic \rightarrow \bar{E} \bar{E} \rightarrow Radiant

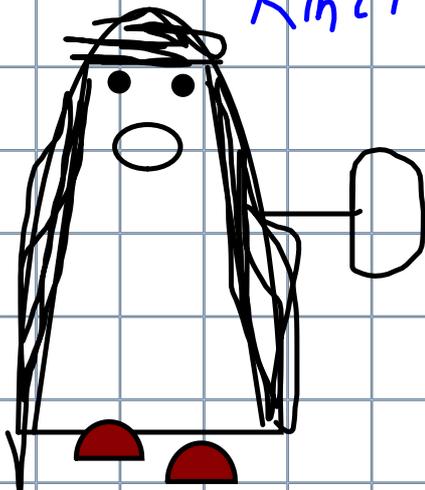
6) Clashing Spheres



Kinetic \rightarrow thermal

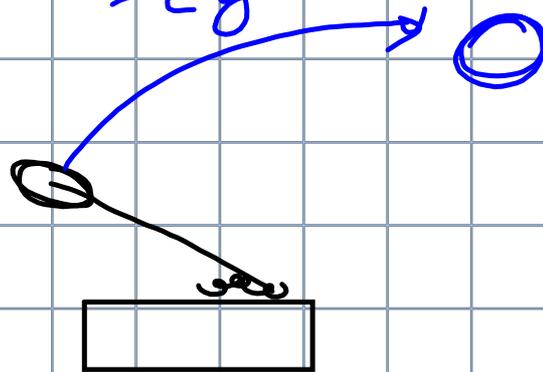
7) Wind Up Toys

Work \rightarrow Elastic \rightarrow Kinetic



8) Mousetrap catapult

Work \rightarrow Elastic \rightarrow \bar{E}_K
 \rightarrow \bar{E}_g \rightarrow \bar{E}_K



Attachments

Zinszer 1 Types of Energy 2016.pptx

Zinszer 2 Conservation of Energy 2016.pptx