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Folder Folders / Nano Solex / Energy Enthalpyand Exergy

Energy is the basic budget.

First: Teach the students: What is Enthalpy

See it live

http://www.youtube.com/watch?v=mjcEpT8fUm4&feature=youtu.be

Explanation

Enthalpy is the internal energy of say 1 liter of water plus the expansion work. Students shall see that.

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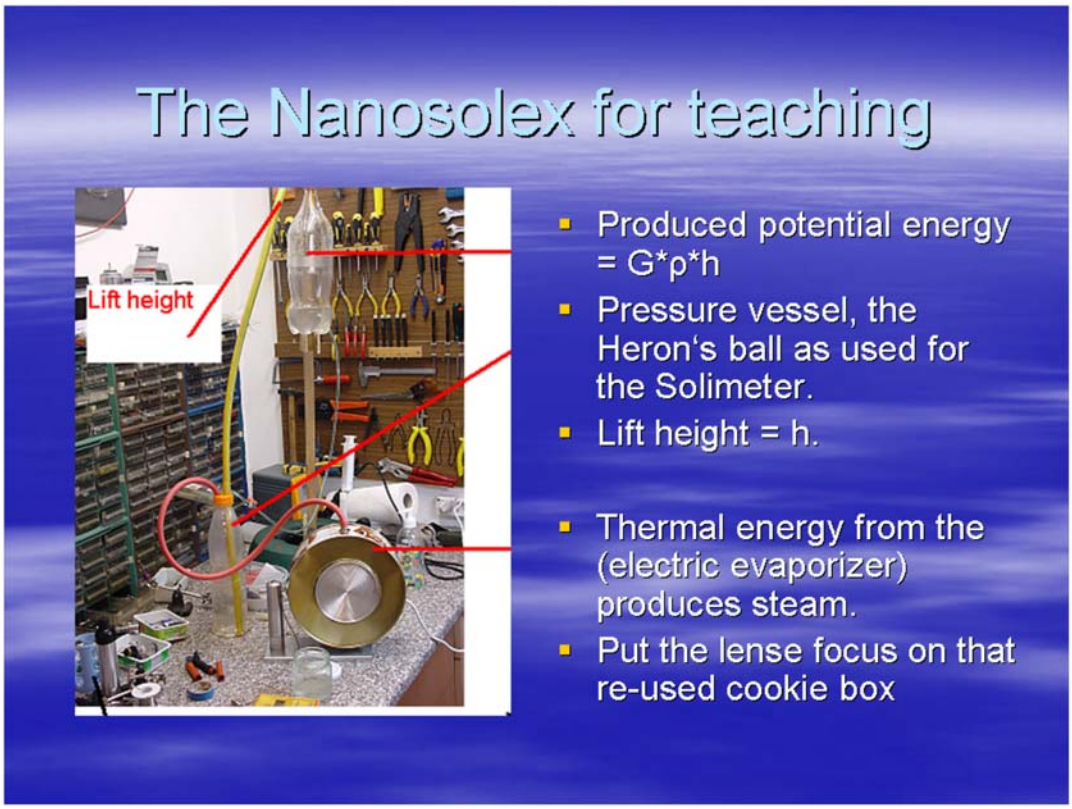
Second: What is now the difference between Energy, Enthalpy and Exergy?



G means g, this is the gravitation's acceleration 9.81m per square second., greek r (rho) is the density of the fluid (water) and h is height, to be measured. The snag is the potential energy of the water in the lifted bottle

For the teacher to explain

1. Measure the electric energy input into the evaporizer (the re-used box for christmas cookies).
2. Put the water for evaporizon into the heat box (Mr. Lumper used an injection device 2 to 5 ml.)
3. Observe how the steam presses the water into the upper bottle in the pressure vessel
4. Calculate the potential energy of the transported water
5. Deduct that from the energy used for evaporizing

AND HERE YOU HAVE THE ENTROPY PRODUCTION. The waste heat is useless.

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Wunschlinse: http://greenpowerscience.com/FRESNELSHOP/50INCHLINEAR.html ca 1,2 KW Leistung

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... ... FolderFolders/NanoSolex/SeppLumper

 Latest Change: November 15, 2012