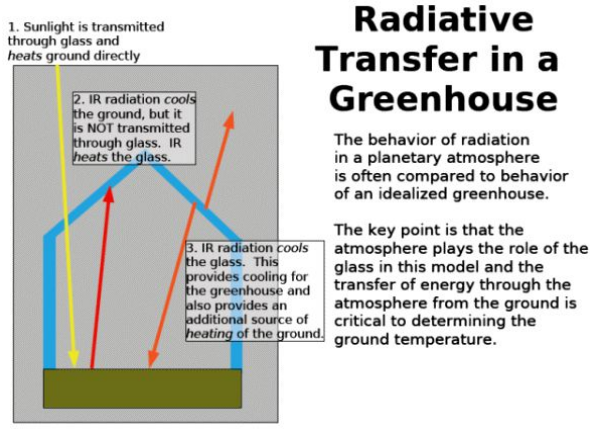
GREENHOUSE EFFECT – FACT or FICTION?

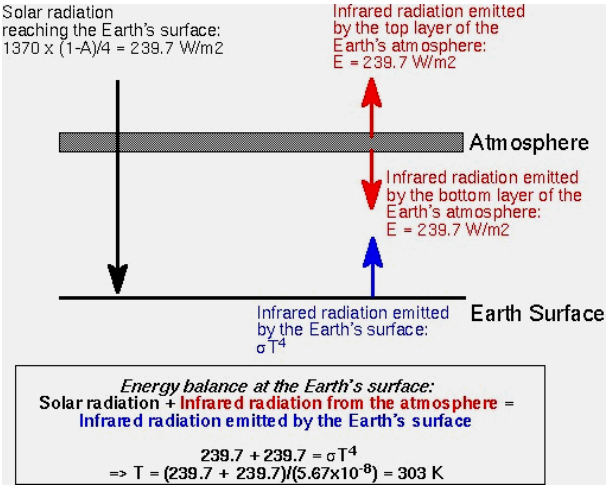
By Alan Siddons, edited by Hans Schreuder – 19 August 2011

Here are simple graphics to show how the Greenhouse Effect works:

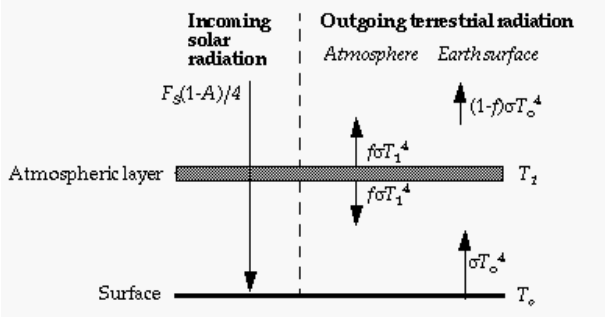
What the University of Massachusetts teaches…



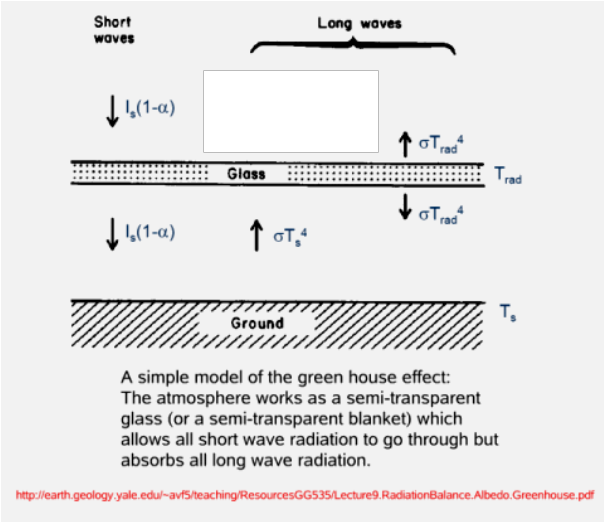
and what the University of Washington is getting at with this...



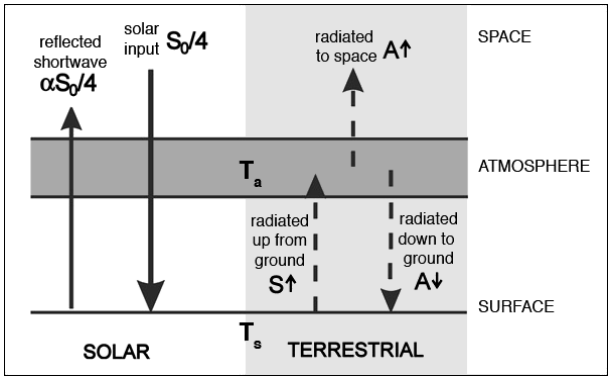
and what Harvard University is explaining here...



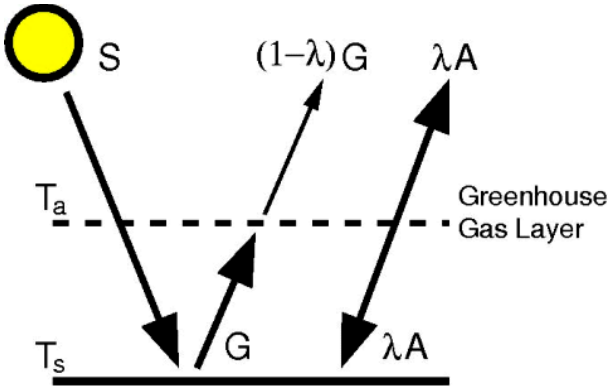
and what Yale University also teaches...



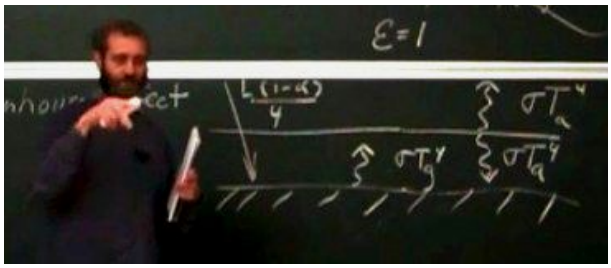
and what the University of Texas teaches too...



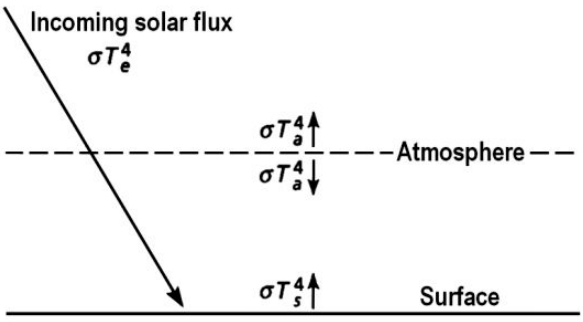
and what Gavin Schmidt describes...



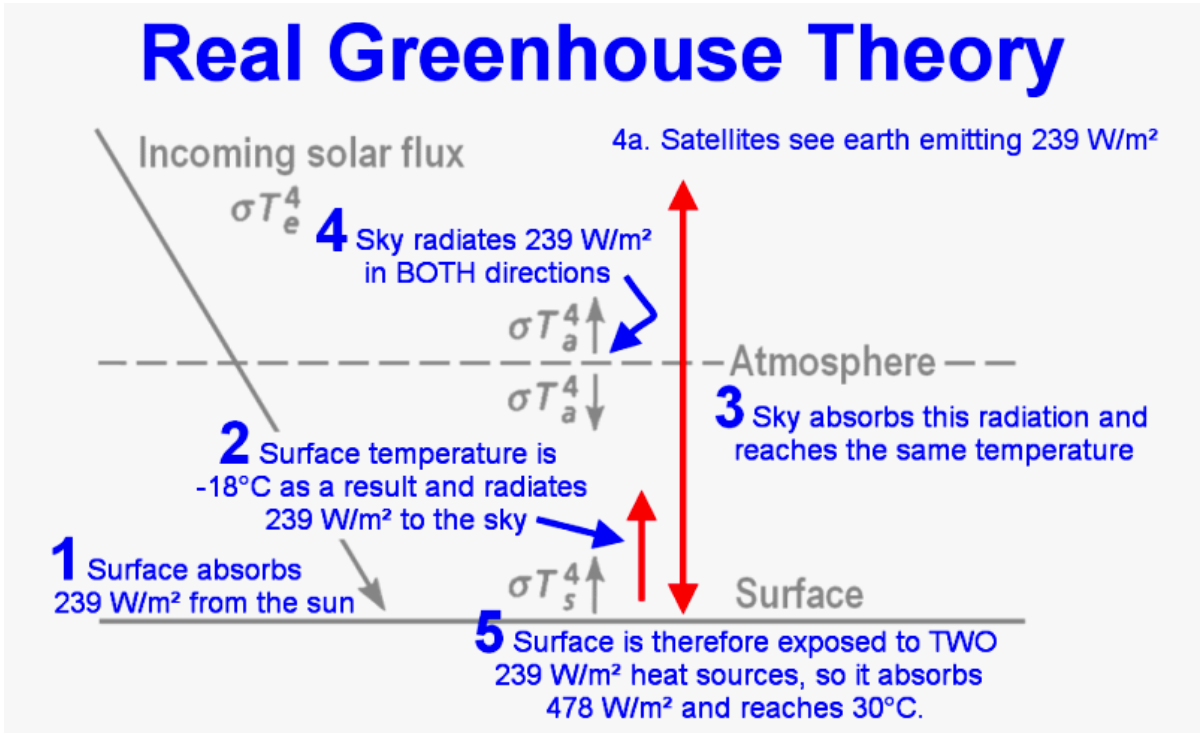
and Professor David Archer...



and Professor Richard Lindzen...



Now for the "Real Greenhouse Theory" ….
(note item 4 …that's the trick everyone appears to fall for)

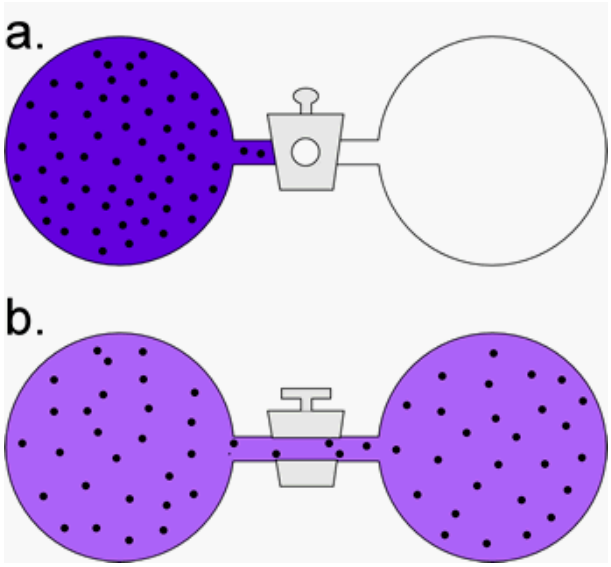


Well then, what's the truth?

At the very MOMENT you refer to a (spontaneous) exchange of heat, a "net flow", you are ALREADY contradicting and distorting what the 2nd Law states and what countless experiments have demonstrated, which is: ***heat only flows to the cooler body.***

Moreover, a net exchange can only imply that the cooler body contributes its coolness to the warmer body while the warmer body contributes its warmth. But coolness is a DEFICIENCY of heat, a relative ABSENCE of energy.

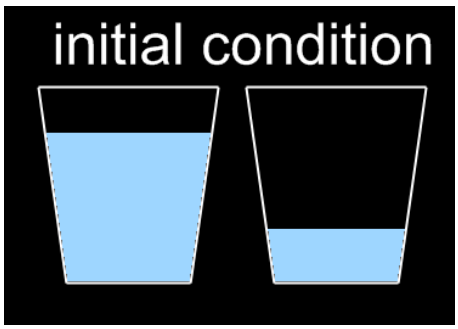
To be consistent, then, one would have to propose that the higher temperature body delivers "positive heat" and the lower temperature body delivers "negative heat."

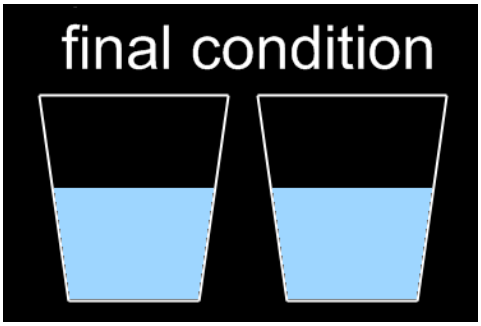


Reality check.

It doesn't matter what is in the containers in the above graphic, the result will always be the same when the contents are allowed to mix: the two containers will equalize but never will the lesser contents of the right-hand side add its contents to the container on the left-hand side.

Just the same as connecting two buckets of water, one with more water than the other: the level of both buckets will be the same when the connection is opened but no water from the lower level bucket of water will have moved into the bucket with the higher level water:





Heat transfer is a *transfer*; it is *not* an *exchange*.

Net heat exchange is NOT part of the Second Law of Thermodynamics.

See also ilovemycarbondioxide.com/archives/Greenhouse_Effect_Poppycock.pdf