**Graphical user interface

Description automatically generated with medium confidenceHeat Radiation** (Comb.)

RAG your understanding.

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|  | **Start of Topic** | **End of Topic** | **Revised** |
| P.1.2.1.a. - I can describe the relationship between thermal conductivity and the rate of energy transfer by conduction across the material. |  |  |  |
| P.1.2.1.b. - I can describe how the rate of cooling of a building is affected by the thickness and thermal conductivity of its walls. |  |  |  |
| P.3.2.2. - I can describe how the temperature change of a system depends on the mass of the substance heated, the type of material and the energy input to the system. |  |  |  |
| P.3.2.2.b. - I can define the term specific heat capacity and I can apply the equation: E=mCΔθ |  |  |  |
| P.3.2.3.a. - I can define the term specific latent heat and apply the equation E=mL. |  |  |  |
| P.3.2.3.b. - I can explain that the energy supplied during a change of state changes the internal energy, but not the temperature and I can interpret heating and cooling graphs that include changes of state. |  |  |  |