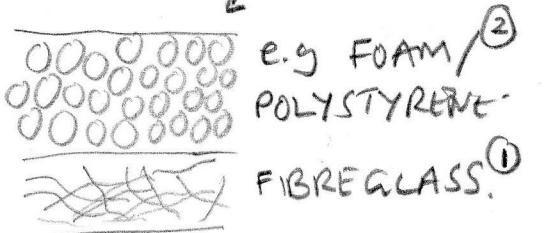


CONDUCT



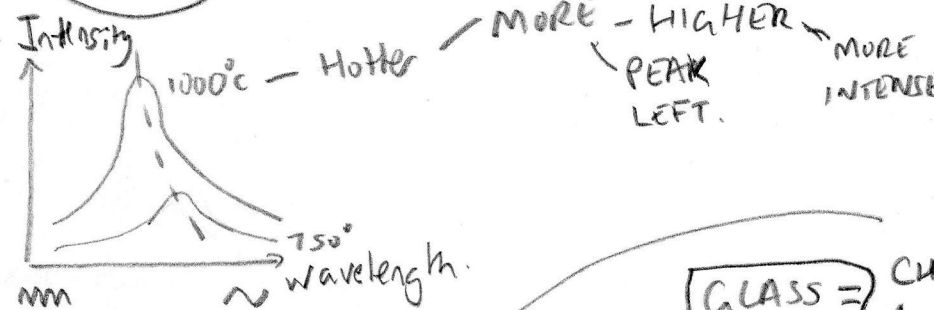
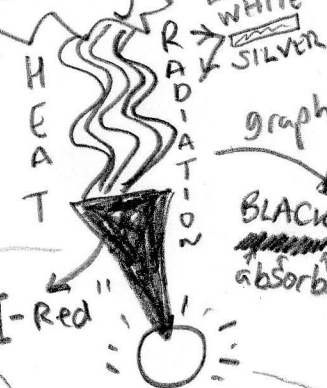
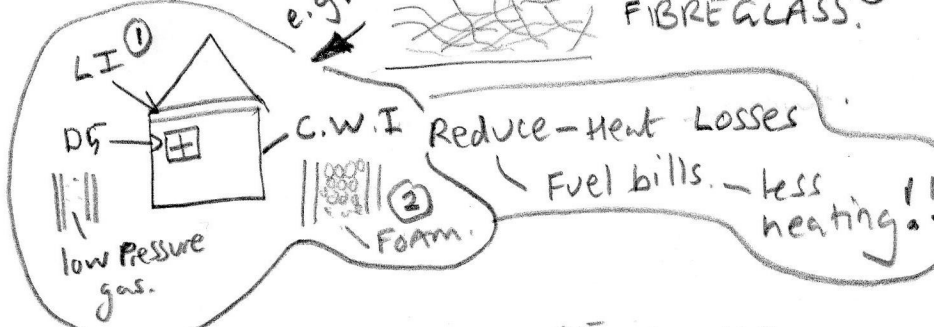
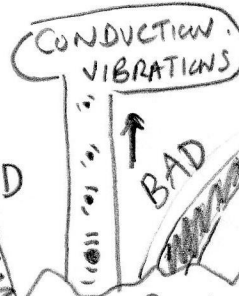
MINIMISE

NON METAL (PLASTICS)



W/m<sup>2</sup>/K/m. (W/m/k)  
**THERMAL CONDUCTIVITY MATERIAL PROPERTY.**  
 \* FAIR TEST \*  
 THICKNESS  
 AREA  
 DIFFERENCE  
 HOT → COLD  
 60° → 20°

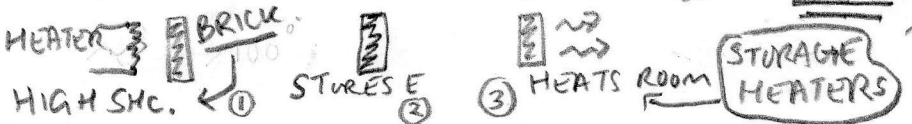
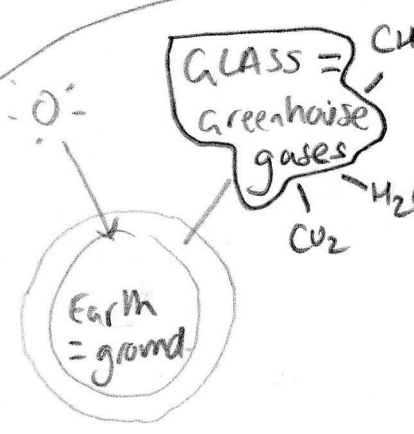
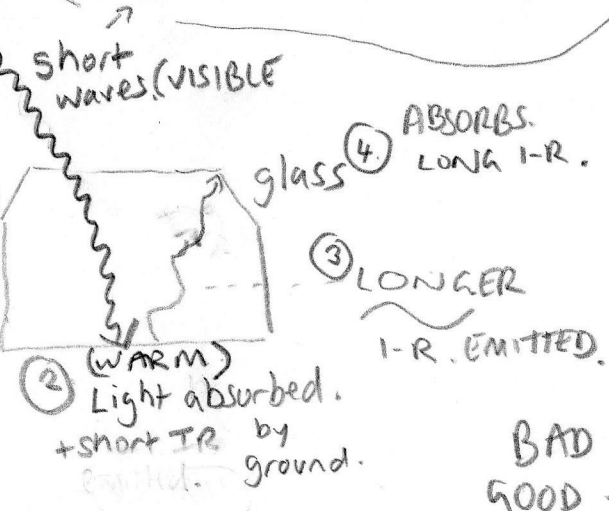
P2 Energy transfer by Heating



**SPECIFIC HEAT CAPACITY**  
 HIGH → H<sub>2</sub>O Heats slowly  
 LOW → Fe Heats quickly  
 R.P!! see separate sheet.

Energy = mass × SHC × Δθ  
 (J) (kg) J/kg/°C  
 \* GIVEN F. Sheet \*

GREENHOUSE



BAD X GLOBAL WARMING.  
 GOOD ✓ KEEPS TEMP CONSTANT.