



Science - Properties and changes of matter

*Task: Click the link on your class stream and follow the instructions to help you answer the following:*

L.O: Thermal insulators

1. What is a thermal conductor?
  
2. What is a thermal insulator?
  
3. Predict which material will be the best thermal insulator and which will be the best thermal conductor out of the following:
  - polystyrene
  - cardboard
  - metal
  - no material
  
4. Conduct the experiment (<https://www.sciencekids.co.nz/gamesactivities/keepingwarm.html>) and record the temperature at 10-minute intervals in the table.
  
5. What material was the best thermal conductor?
  
6. Which was the best thermal insulator?

7. Suggest a possible use for each material based on its thermal insulation qualities.