

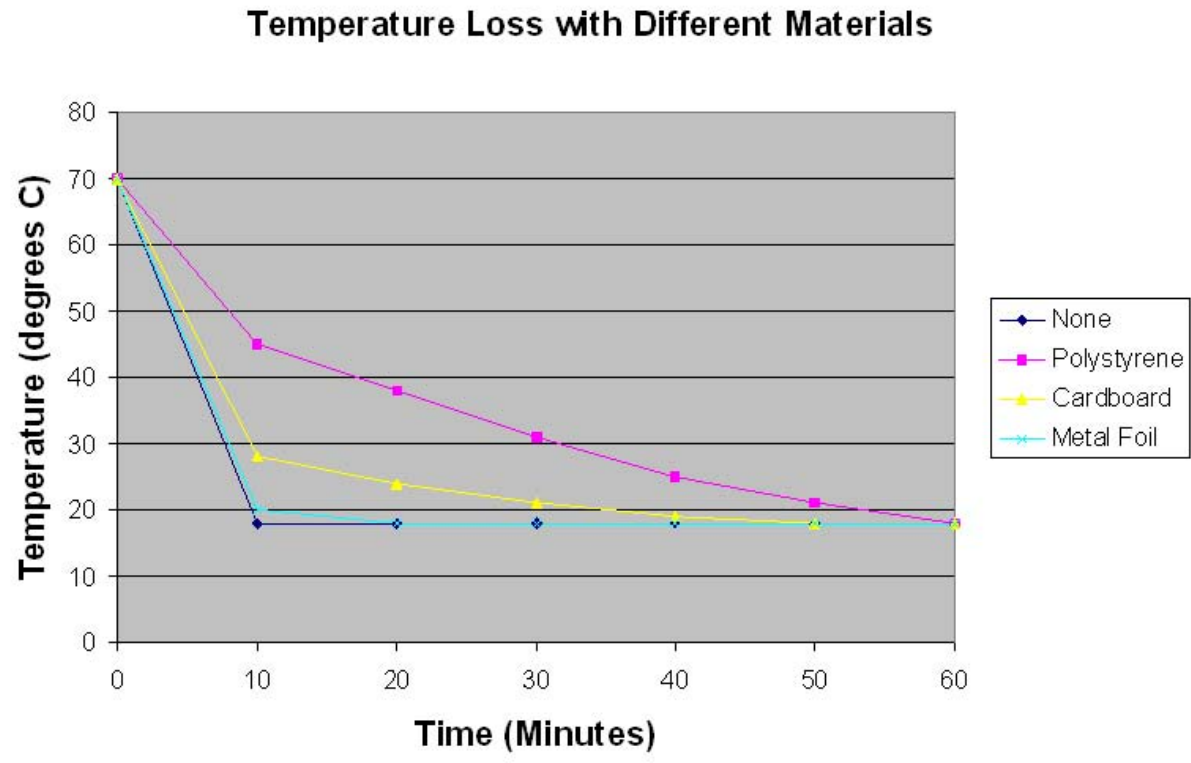
Logbook - Katie King

1/15/05

First I made a table with my results.

	Temperature (°C)			
	No material	Polystyrene	Cardboard	Metal foil
0 minutes	70	70	70	70
10 minutes	18	45	28	20
20 minutes	18	38	24	18
30 minutes	18	31	21	18
40 minutes	18	25	19	18
50 minutes	18	21	18	18
60 minutes	18	18	18	18

Then I graphed the data.



Then I summarized the data by trials.

Material	Trial 1 (min)	Trial 2 (min)	Trial 3 (min:)
None	10	9	11
Polystyrene	57	57	56
Cardboard	47	48	47
Metal Foil	16	15	14

Then I calculated the mean for the data.

Material	Mean (min)
None	10.0
Polystyrene	56.7
Cardboard	47.7
Metal Foil	15.0

Then I wrote a results paragraph:

I conducted three trials for each type of material. Without any material around the beaker, the water reached room temperature within 10 minutes. With metal foil, it took 15 minutes. With cardboard around the beaker, it took 47.7 minutes. With polystyrene (Styrofoam), it took 56.7 minutes. Styrofoam kept the water warm for the longest time.