



The Insulation Experiment

Student name _____

Period _____ Date _____

- Note and record the starting room and inner suit temperatures.
Click once on the red Bone lever to fill the suit with bone material.
Click once on the Fire button.
Note and record the temperature during the experiment. Not only is the final temperature important, but also the rate of the temperature change.
Repeat steps 1-4 for the four other substances.

Substance	bone	muscle	fat	skin	water
Starting Room Temp. (°C)					
Starting Suit Temp.(°C)					
Room Temp. while heating (°C)					
Suit Temp. at the end of the heating period (°C)					

- Note and record the starting room and inner suit temperatures.
Click once on the red Bone lever to fill the suit with bone material.
Click once on the Ice button.
Note and record the temperature during the experiment. Not only is the final temperature important, but also the rate of the temperature change.
Repeat steps 1-4 for the four other substances.

Substance	bone	muscle	fat	skin	water
Starting Room Temp. (°C)					
Starting Suit Temp.(°C)					
Room Temp. while cooling (°C)					
Suit Temp. at the end of the cooling period (°C)					

