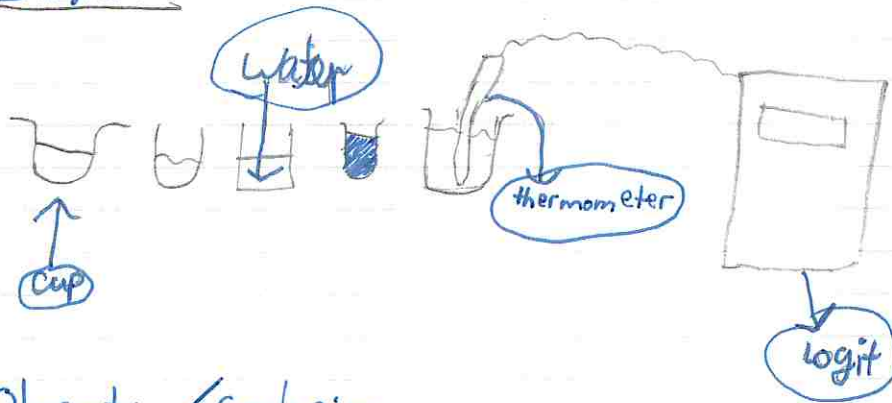


Method

Time	Metal	Paper	Plastic	Glass	Ceramic
0	78.2	78.2	78.2	78.2	78.2
5	65.2	65.2	66.2	59.8	59.2
10	59.4	57	55.4	51.2	51.2
15	53.4	49	51	45.6	44.2

- ① Collected the apparatus.
- ② Boiled the water and put equal amounts of water in each container.
- ③ Measured the water temperature.
- ④ Set a timer for 5 min.
- ⑤ Recorded temperature every 5 min.

Diagram



Observation/Conclusion

I learnt that metal takes longer to keep warm. And the ceramic went cold first because the temperature was 44.2 and the temperature for the metal was 53.4.

I saw that there was smoke coming out of all the caps. Because the glass was so see through you could see it bubbling.

- In conclusion metal, paper and plastic are good insulators of heat. This means that heat does not travel through them very well.
- Ceramic and glass are the best conductors of heat because they let the heat travel through them easily.