

## Science Blog worksheet- Year 4

**Q1: A group of friends investigated how they can keep their soup hot while going on a picnic. Their results are below:**

<b>Container &amp; insulator</b>	<b>Temperature after 30 mins</b>
<b>Plastic cup with lid</b>	<b>60 °C</b>
<b>Metal container with lid</b>	<b>55 °C</b>
<b>Plastic cup with lid in a jumper</b>	<b>85 °C</b>
<b>Metal container with lid in a jumper</b>	<b>63 °C</b>

**a) Answer the following questions:**

- i) From the given table, which do you think is the best choice for keeping the soup hot and why?**

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- ii) What was done to ensure it was a fair test.**

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- iii) If hot soup is left on the dining table for a while what would happen to its temperature? (without any insulator)**

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## **Blog worksheet**

### **Science- Year 4(Answer key)**

- i) Plastic cup with lid in a jumper would be the best choice as the jumper keeps the soup hot. Jumper is a good insulator.**
- ii) Size of cup, amount of soup, time taken should be same to ensure the fair test.**
- iii) It would come at room temperature.**