A logo of a football team

Description automatically generatedA logo with text on it

Description automatically generatedWinter Science Quest

Are you ready to challenge yourself with a Holiday Science Quest?

Earn 10 housepoints for house by completing a challenge and bringing it into school after the Christmas holidays.

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| Year 3 and 4      **Ice Lolly**  Invent a device to protect an ice lolly and stop it from melting.  What would it look like? Which material will slow down the melting process?  **You will need**   * Ice cubes or ice lollies * tin foil * cotton wool * kitchen towel * cardboard   **What to do**   1. Place a piece of each material around each ice cube/lolly 2. Make a prediction. Which material will prevent the ice cube from melting?  |  | | --- | | I predict….. |  1. Leave for 1 minute and then observe the results. 2. Cover and leave for a total of 3 minutes and observe again   5.Cover and leave for a total of 5 minutes and observe again  6.Cover and leave for a total of 8 minutes and observe again.  Record your results in a table like this.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **material** | **1 minute** | **3 minutes** | **5 minutes** | **8 minutes** | | tin foil |  |  |  |  | | cotton wool |  |  |  |  | | kitchen towel |  |  |  |  | | cardboard |  |  |  |  |   Make a conclusion I found out….. |