

Topic: Electricity	Year 4 Age 8-9	Title: Melting conclusions
Working Scientifically Focus Review: using results to draw simple conclusions		Conceptual Knowledge Context observe that some materials change state when they are heated

Example

Children were asked to do their own investigations into ice and chocolate melting. They recorded their results and used these to draw conclusions. As a class they also observed what happened when eggs, cake mixture and bread were heated.

Results table

where	time
Hot water	2:57 minets
out side	12 hours +
hand	1h:49 minets

Ice

where	time
Hot water	3:12 minets
in mouth	3:44
on window	48 hours +

chocelat chocolate

concluison

Yesterday we did an exsperment. We found out Ice melted best when we applied heat and chocolate also melted when we applied heat. We also found out when we heat applied heat - it create a Reversible reaction wht with both ice and chocolate. We found out eggs and cake when heated created an irreversible reaction. If you burn toast you have burnt your toast

Children meeting the objective would be able to draw conclusions describing what their results showed and use their scientific knowledge to explain this. In this context they would link their observations to factors affecting change of state.