



<b>SCHOOL</b>			
<b>TEXT</b>	Science Alive 2		
<b>CHAPTER 2</b>	Heat	<b>PAGE</b>	29
<b>ACTIVITY</b>	Observing conduction in solids		

### Experiment Summary

Timing the speed at which solids conduct heat

PROTECTIVE MEASURES				
GLASSES	GLOVES	DUST MASK	LAB COAT	FUME HOOD
✓			✓	

SAFETY INFORMATION						
REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
Refer to appropriate risk assessments for: 1. NATURAL GAS 2. LPG 3. MATCHES						
PARAFFIN WAX	Y	N				

<b>Risks</b>	<p><b>Safety</b></p> <ul style="list-style-type: none"> <li>• Wear suitable clothing and eye protection.</li> <li>• Do not breathe dust.</li> <li>• Avoid contact with skin.</li> <li>• Wear eye/face protection.</li> </ul>
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FIRST AID	
<b>Swallowed</b>	Give milk or water, if conscious. Seek medical advice.
<b>Eye</b>	Wash with running water.
<b>Skin</b>	Wash with soap and water. Immerse burnt skin in cold running water for 15 minutes. Bandage lightly. Seek medical attention.
<b>Inhaled</b>	Provide fresh air. Keep patient rested and warm. If breathing is shallow, give oxygen. Seek medical attention.

CONCLUSION	
<ul style="list-style-type: none"> <li>• Wear suitable clothing and eye protection.</li> <li>• Warn students of the danger of a naked flame.</li> <li>• Tie back long hair.</li> <li>• Ensure coat sleeves do not interfere with hand movement.</li> <li>• Ensure all hot equipment is placed on a heatproof mat.</li> <li>• Allow all equipment to cool before dismantling.</li> </ul>	

ASSESSOR/S: ..... DATE: .....

THIS ASSESSMENT IS VALID UNTIL: .....

**Disclaimer:** This Risk Assessment Sheet is provided as a guide only. MSDSs vary between manufacturers so the content of this sheet must be checked against the MSDS provided by the manufacturer of chemicals used in YOUR school laboratories. This sheet must not be used in laboratories until it has been checked against your own MSDS, signed and dated. To the maximum extent permitted by law, the Publisher disclaims all responsibility for actions taken or not taken in relation to the Risk Assessment Sheets.