

Science - Sec 2 Ch 17 Effects of Heat and its transmission

	<p>Check for prior knowledge using students' work + facilitate the discussion</p> <p>Provide opportunities for peer discussion + Students to refine their understanding through discussion</p> <p>Provide opportunities for connecting and extend thinking. Monitoring students progress</p> <p>Monitoring and checking for understanding using students' work</p>			
Class				
Group		<p>Activity 2 Teacher to post a statement and guiding question: "The mercury in a thermometer is a liquid that expands when it absorbs heat. What are the advantages of using mercury in a thermometer? Explain" - Live view to students comments.</p>	<p>Activity 3 Students to work on Lab report: Conduction, convection and radiation.</p>	
Individual	<p>Activity 1 Teacher to give three images to students - for them to use Markup function to identify their understanding of expansion and contraction.</p>		<p>Activity 4 Students to submit lab report individually.</p>	<p>Activity 5 Students to create visual note/ anchor chart to explain the 3 effects and applications of expansion and contraction - export it as a movie and share it back to SLS.</p> <p>Group sharing for Activity 5.</p>
Role of ICT	Activating Prior Knowledge + collection of data	Facilitating Collaborative Learning + communicate feedback	Using Questions to Deepen Learning + Tracking and assessing understanding	Creation of digital products
Tools	 			 

Activate Learning
Promote thinking and discussion
Facilitate demonstration of learning
Monitor and provide feedback

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