**Lesson plan**

[**Chapter 13: Thermal properties of materials**](Thermal%2013-0.pdf)

**Lesson 13:0** **Mindmap**

[**Lesson 13:1**](Thermal%2013-1.pdf) **Simple Kinetic model**

**(Please listen to the** [**explanations**](thermal%2013-1.mp4)**, fill in the blanks)**

* **This lesson will not be taught in the class. Little time may be spent in the next lesson to clarify students’ doubts, if any.**

[**Lesson 13:2**](Thermal%2013-2.pdf) **Specific heat capacity**

**(Please listen to the** [**explanations**](thermal%2013-2.mp4)**, fill in the blanks and then complete the 5 questions enclosed which will be discussed in the class.)**

* **Students should have filled in the blanks in the note.**

[**Lesson 13:3A**](Thermal%2013-3A.pdf) **Specific latent heat of vaporisation**

**(Please read the text and listen to the** [**explanations**](thermal%2013-3A.mp4)**. Complete the 2 questions enclosed which will be discussed in the class.)**

[**Lesson 13:3B**](Thermal%2013-3B.pdf) **Specific latent heat of fusion**

**(Please read the text, listen to the** [**explanation**](thermal%2013-3B.mp4)**,try the question enclosed which will be discussed in the class)**

**Please attempt the quiz on Moodle. You can attempt as many times as you like to. Marks are not taken into account for assessment purpose.**

[**Lesson 13:4**](Thermal%2013-4.pdf) **Internal energy & First law of thermodynamics**

**(Please listen to the** [**explanations**](thermal%2013-4.mp4) **and fill in the blanks. Complete the** [**on-line quiz**](Test_ExportFile_1201AL-PHYT0448_Quiz%20Thermal%20134.zip) **on BB7. The enclosed 5 questions will be discussed in the class)**

* **Students should have filled in the blanks in the note.**

**Please attempt the quiz on Moodle. You can attempt as many times as you like to. Marks are not taken into account for assessment purpose.**

**By Lim WH**

**13 April 2012**