***Year 13 Chemistry Class Activities – Week 9***

At the end of the class, students should be able to;

* **define/name** the following enthalpy changes; **Δ**f*H*°, **Δ**c*H*°, **Δ**r*H*°, **Δ***vapH*° and **Δ***fusH*
* **describe** the features of the following enthalpy changes; **Δ**f*H*°, **Δ**c*H*°, **Δ**r*H*°, **Δ***vapH*° and **Δ***fusH*
* **write** thermochemical equations of simple~~r~~ reactions
* **write** thermochemical equations of a more complex nature

***Student Activities.***

* Read the notes and examples below and attempt the activity.





Link 1: youtube.com/watch?v=OTm6JmeYX5g (Bond energy)

Link 2: youtube.com/watch?v=JRIm\_a2LDPM (Endothermic and Exothermic reactions)

* Refer to to the pdf given above to answer the questions
* Cross check your answers with the solution below.

Solutions to activity 4D

(check next page)