# CHAPTER 4 – learning activity – Cellular respiration

The goals of this activity are to:

* Familiarize yourself with the steps of the cellular respiration
* Demonstrate understanding of the connections between the steps
* Identify the correct location of each step in Eukaryotic cells.

1. Download this worksheet and save it on your computer.
2. Watch the videos that will go through the steps of the cellular respiration. The video can be found on D2L in the “Chptr 4 – assignment” module.
3. Each step consists of many chemical reactions but we are interested in the molecules that go in the step (or reactants) and the one/-s at the end of the step. Your task is to add the name or acronym of the reactants and products in the table below. Also, find out where in the cell each step takes place.
4. Once you finish:
   * Make sure your answers are succinct, no sentences.
   * save the document then upload it under the “Assessments” then “Assignments” on D2L.

|  | Reactants | Product/-s | Location |
| --- | --- | --- | --- |
| Glycolysis |  |  |  |
| Pyruvate oxidation  (preparatory reaction) |  |  |  |
| Citric Cycle |  |  |  |
| Oxidative Phosphorylation |  |  |  |

A picture containing text, clipart

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