

Module 6: How Cells Get Energy From Food:

- Chapter 6, “Cellular Respiration: Obtaining Energy from Food,” in the textbook.
-  **Module 6 Lecture [21:35]**

Click the link above to watch the lecture. You may download the [presentation slides \[PPTX\]](#) and [lecture notes \[PDF\]](#) 

-  **Cellular Respiration Worksheet**

[Course Schedule \[PDF\]](#) 

1. Download [Cellular Respiration Worksheet \[DOCX\]](#).
2. Complete the worksheet in the Word document you downloaded.
3. Submit your assignment by:
 - a. Saving the document as “LastName_FirstName_CRW”
 - b. Clicking the assignment link above
 - c. Uploading the document
 - d. Clicking the “Submit” button

-  **Lab 6: Cellular Respiration Lab and Journal**

Organisms break down sugars to obtain the energy necessary for their biochemical processes during cellular respiration. The purpose of this exercise is to explore cellular respiration and how cells produce energy necessary for life. Students will compare the use of several sugar types in yeast cells by measuring gas production as a product of cellular respiration.

Follow the instructions below to complete the assignment. See the [Course Schedule \[PDF\]](#) 

0. Review the [Lab 6: Cellular Respiration Lab and Journal Worksheet \[DOCX\]](#) .
 1. Log into the [Late Nite Labs website](#).
 2. Click "Cellular Respiration" to access Lab 6.
 3. Read the following:
 - a. All instructions carefully, before conducting the lab
 - b. The Background in the lab manual (located in the upper left corner of the Lab Manual) for background information on the scientific method
 - c. The icons at the bottom of the page - Lab Log, Timer, Media Player, and Lab Manual
 4. Follow the Procedures listed in the Lab Manual to conduct Experiment 1: Digestion of Individual Sugars by Yeast Cells. (**Note:** You do not need to complete Experiment 2: Competition Among Multiple Sugars.)
 5. Fill out the worksheet, in the document itself, as you complete the experiments.
 6. Submit your assignment by:
 - a. Saving the document as "LastName_FirstName_Lab6"
 - b. Clicking the assignment link above
 - c. Uploading the document
 - d. Clicking the "Submit" button
-  **After you have completed Module 6, proceed to Module 7.**