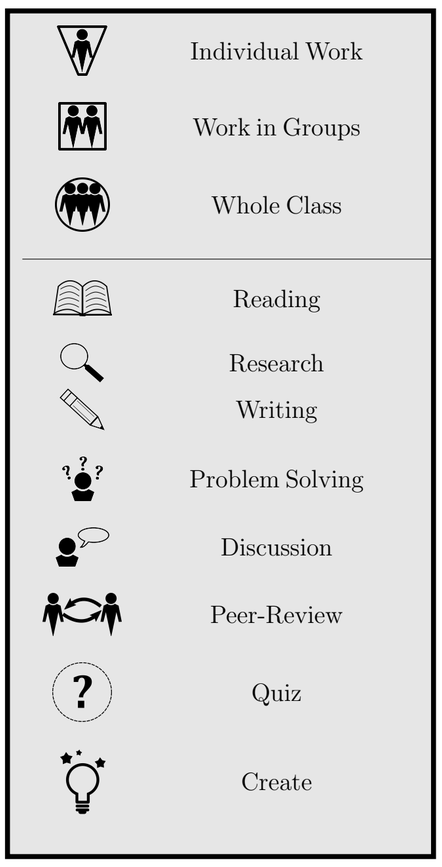
Cytoskeletal proteins in amoeba

By Edward Awad



Out of Class

In Class (Instructor)

In Class (Students)

Begin Here.

Students are given a document with key concepts and learning objectives. They are also assigned readings from the textbook.

Students watch videos about biological cells (structure and function)

Students complete a quiz through Moodle to test their knowledge after having watched the videos and completed their assigned readings

Instructor: Answers any questions students might have from the pre-assigned videos, quiz and document.

Instructor splits the students into groups of 3-4, then introduces the activity by explaining the objective

In their groups: Students are tasked to plot a graph on excel using provided cell count data for drug treatment

In their groups: Students are tasked to chose an appropriate statistical test to determine whether there's significant difference between treatments

In their groups: Students can also check each others graphs and help each other.

In their groups: Students answer a question which asks them to explain the role of cytoskeleton in amoeba.

Students submit their graph along with their conclusion on the role of cytoskeletal proteins in amoeba for evaluation. Then, the teacher reviews the answers with the class.