

“Counting Cells”

Research based lesson Pt.2

Learning Goals and Objectives:

- The students will build on their knowledge from “Classification of Cells” lesson Pt.1
- They will be able to see how research is conducted on cells
- They will learn about different techniques needed in cell culture
- They will use formulas to calculate cell count and total number of cells

Activities and Procedures:

- The students will be given a data sheet (A-D), each with a different number of cells
- They will figure out the cell count by using the given formula provided
- Then the students will determine the total number of cells in the total suspension volume
- The students must show all their work for the calculations