



"RED DE DISEÑO Y DESARROLLO" 6TH GRADE
LIVE WORKSHEET – SESSION 1

CLASS: _____

STUDENT 1: _____

STUDENT 2: _____

STUDENT 3: _____

GOAL: To explore some ideas about cell culture and write an initial question about tissue engineering.

1. SCHEDULE Complete the schedule of Metacognition 1 (Brightspace) with the goal of the activity and the actions to achieve it during the first term.

2. CELL CULTURE

Open the [Virtual Lab \(click here\)](#) where you will learn more about cell culture and answer the following questions:

Warning notes!

1. Complete your answers with these other two sources of information:

Source 1:

Source 2:

2. Don't forget to include the answers of all students of your group

Why is it important to culture cells?

STUDENT 1: _____

STUDENT 2:

STUDENT 3:

What type of cells can we culture?

STUDENT 1: _____

STUDENT 2:

STUDENT 3:

What are the two basic systems for growing cells in culture?

STUDENT 1:

STUDENT 2:

STUDENT 3:

Why, when and how to passage cells grown in both adherent and suspension culture?

STUDENT 1: _____

STUDENT 2:

STUDENT 3:

3. ABOUT MY TISSUE

Identify the characteristics of your tissue based on the information of this [source \(click here\)](#)

STUDENT 1: _____

STUDENT 2:

STUDENT 3:

4. RESEARCH QUESTIONS Write an initial question to an expert on this field (make connections with your tissue):

INITIAL QUESTION	CONFERENCE NOTES	INDEPENDENT VARIABLE	DEPENDENT VARIABLE	NOT TOO BROAD / NOT TOO NARROW	CONNECTIONS WITH MY TISSUE
STUDENT 1 					
STUDENT 2 					
STUDENT 3 					

