



Organize yourselves into 8 EVEN groups. Memorize your group number.

Group 1:

Group 2:

Group 3:

Group 4:

Group 5:

Group 6:

Group 7:

Group 8:

Helpful or Harmful Understanding?

Today you will sit down with your group, and one other group. The two groups will be given a topic to discuss. You will discuss that topic for approximately 7 minutes, at which time a timer will sound. When the timer sounds you will leave the paper with the topic on the desk, and rotate to your new topic. You will then discuss the new topic with the new group. After four rotations we will hold a class conversation about what you have discussed.



Round	Groups			
	Topic #1	Topic #2	Topic #3	Topic #4
1	1 & 2	3 & 4	5 & 6	7 & 8
2	4 & 5	1 & 7	2 & 8	3 & 6
3	3 & 8	2 & 6	4 & 7	1 & 5
4	6 & 7	5 & 8	1 & 3	2 & 4





Helpful or Harmful Understanding?

Please return the sheets to me.

Now that you have had a chance to discuss all four of these topics, let's look at them one at a time as a large group. What are your thoughts on...

As you can see, humans have a great deal of technology available to them to manipulate cells. However, we need to look at the big picture. On one hand, we have the ability to help people and other organisms, but on the other... should we? By altering the natural state of life, could we end up causing changes that cannot be undone?