Genetic-Technology Project

My group’s technology__________________________

Part 1: Research genetic technology.

You have print and online resources. Divide the resources between you. Each member of the group should answer the following questions, based on their own resource. Note that not all resources have answers to all the questions.

1. How does the technology work? (What does it do?)
2. In what situations can the technology be used? How is it beneficial?
3. What is one example of this technology in action?
4. What are the risks and ethical concerns surrounding this technology?

Part 2: Synthesize research.

Share your answers with your group. Work together to refine wording. Make sure that each member understands the technology and can represent your group.

Design a “technology information” card that describes the technology in 25 words or less. Each member of the group needs a card in addition to their notebook.

Part 3: Consider whether your technology can address specific problems.

Get a Solving Problems Using Genetic Technology sheet for your group. Read each problem and decide if your technology can be used to address it. What is your reasoning?

Part 4: Go to focus group.

One student from each research group will go to a focus group, so that each technology is represented. Your job is to learn about the other technologies and then decide together which technology is best suited to each problem.