

BioTechnology & Ethics

How should society adapt to the advancements in the technology you researched?

Create an online presentation that shares what you have learned as you considered this question. Include:

- 1) **DEFINE: Explain** the ethical dilemma in biotechnology that you investigated thoroughly.
- 2) **DISCOVER: Question and investigate** (Critical Thinking) What questions did you need to ask to gather the best information for your investigation? What answers did you find? Share those questions and answers in your presentation.
- 3) **DREAM: Generate ideas** (Creative Thinking) and share possible solutions to the challenge. Put a list of your solutions in your post. **Share** the findings of your investigation. Include diagrams, pictures, video.
- 4) **DEBRIEF: Reflect** on the quality of the process you went through and the post you created to share your findings
- 5) **Each of you post** your DEFINE, DISCOVER, DREAM, and DEBRIEF using online presentation tools on your Edublogs in the **Science 9** category tagging it **ADL solution**.



Define
Discover
Dream
Design
Deliver
Debrief

Your Applications of Digital Literacy 10 teacher will evaluate according to these SOLUTION FLUENCY strands:

	Missing - 0	Not Meeting – 1-2	Minimal - 3	Meeting – 4	Exceeding - 5
Define (What is the investigation you've chosen?)	Missing.	The investigation is not defined.	A single sentence about the investigation shared.	A complete statement about the investigation is shared.	States the investigation completely with all its nuances.
Discover (What questions needed to be asked to address the investigation?)	Missing.	No research included.	Minimal questions researched.	Some research on possible ways society could adapt to the biotechnology.	Detailed info from 3 sources that help answer how society could adapt to the technology.
Dream (What innovative ideas do have about how this problem could be solved?)	Missing	No possibilities shared.	Typical possibilities are shared. Minimal answer as to what society needs to do to adapt to the technology.	Shares some interesting dreams about the solution. Sufficient answer on how society needs to adapt.	Shares creative dreams about the solution. Thoughtful answer how society can adapt
Debrief (How did the process go?)	Missing.	No reflection on the plan or the process of completing the assignment.	A single sentence on process/product.	Examines either the product or process but not both.	Honestly and critically examines the product and process and can demonstrate areas of improvement.

What your Science 9 teacher is looking for:

	Emerging - 1-2	Developing - 3	Proficient - 4	Extending - 5
Biology Content	Has no facts telling about the biotechnology.	Contains minimal information about the biotechnology.	Contains correct information about the biotechnology. Considers how society can adapt	Contains many facts about the biotechnology with a well thought out way that society can adapt.
Sway Quality	Has no visuals. Sway short. Some straight copied work.	Minimal visuals that aid in the message. Sway could have more detail.	Sufficient visuals that aid in the message. Sway flows smoothly.	Well-sited images and videos clearly share element. Extra effort.