Grade	Class Satisification (1-5, 5 being highest)	Class Difficulty (1-5, 5 being highest)	Do you think your understanding of synthetic biology improved?	Did your interest in synthetic biology improve?	What is your overall opinion of the class	What did you learn/discover throughout this class	Is there any other questions or thoughts?
9th	5	5	5	5	Impressionsl really enjoyed thinking along the lines of actual research.	I found it fascinating to learn that synthetic biology has the power to solve a variety of problems	
8th	5	2	5	5	I enjoyed the opportunity to ask questions and discuss with knowledgeable high school students. I have always been interested in synthetic biology and have done some research on the subject, but these students are experts in the field, and I enjoyed having their answers to my many questions about biology.	I learned answers to questions I had about genome editing and basic knowledge about organisms and genes	
8th	5	4	4	5	Although the content of the lecture was difficult, I was able to think about it in terms of our everyday life and organisms, which made me feel closer to them and more interested in them.	I knew that DNA is inherited from parents, but I was surprised to know that there are strong and weak DNA. I would like to examine my own genes.	
8th	5	5	5	5	I felt a sense of mystery about the tremendous impact and changes that synthetic biology is having on our bodies and our lives.	That a child's DNA always inherits one DNA from the mother and one from the father. And that it is ethically difficult in synthetic biology to combine DNA from animals that are not very similar.	I would like to experience an experiment to actually recombine DNA.
7th	5	3	4	5	I learned so much about chromosomes and people when it came to doing something new with them.	Can we add xy chromosomes or splashes or change the color of our skin? I was impressed by the things that can be done and the difficulties related to these ideas.	Not particularly.
8th	4	5	4	5	It was interesting to learn about a field that I am not usually exposed to. Although some things are impossible from an ethical point of view, I thought that the world could become a more comfortable and interesting place by devising genetic modification and other methods.	I was impressed by the fact that the study of synthetic biology might be able to make our lives more comfortable.	
8th	5	4	3	4	Although some parts were a bit challenging, I was able to gain interest in new things. From now on, I would like to find problems in my daily life and investigate what I am interested in, as I did in the group assignment this time.	I was impressed by the group work in the latter half of the session, which was a fulfilling time. I also found it enjoyable to deepen our understanding together from one small thing.	
7th	5	5	5	5	Although some parts were a little difficult, I was able to learn about synthetic biology by sharing opinions and thinking about what I would like to do with my groupmates.	It was great to talk in groups, and if there was something I didn't understand, I was able to learn it right away.	
9th	5	3	5	5	It was good to deepen my knowledge of synthetic biology and to learn about scientific research methods.	Being able to get a clear overview of synthetic biology.	
9th	4	4	5	5	It was interesting to find out the issues through discussions and other activities. Our group came up with many ideas and we were able to discuss them!	Being able to talk about the cockroaches I am studying.	
7th	5	5	4	4	It was very difficult, but the lecturers explained things in an easy-to-understand manner with materials, which made it a fulfilling two hours. It was fun to be divided into groups and discuss each of them.	I was surprised to know that there are organisms in this world that can live in minus 3 degrees Celsius. Planaria were quite a topic of discussion.	
8th	5	3	5	5	Even though I am interested in DNA, I have not had much opportunity to think about it or interact with it, so it was a very fulfilling experience. It was also very interesting to have discussions, formulate hypotheses, and discuss how we could make it happen with facts.	The DNA of the parents is half blended in the offspring, and the face and other characteristics change depending on the manifest and latent characteristics.	I would like to actually recombine the genes of bacteria and other organisms.
7th	4	5	4	3	It was fun and I enjoyed it.	I learned a lot about genes in depth.	
8th	5	4	5	5	I had never heard of synthetic biology, but actually thinking about it on our own and trying to figure out what kind of things we would like to see expanded my interest in synthetic biology even more.	In fact, if in the future we come to understand something that we don't know now, I would like to investigate whether it will be possible to grow wings on animals and humans, which is what I thought about this time. I also wondered what kind of things, other than cookies, could be made using synthetic biology.	I would like to see this done as a school class activity.
8th	5	3	5	5	Discussions were more active than in our usual junior high school classes, and it was a fulfilling time.	I am not good at biology and have not taken many courses, but I learned that there are opportunities to utilize biology and programming thinking. I am not good at biology and have not taken many courses, but I was able to learn that there are opportunities to utilize biology and programming thinking.	
8th	4	4	4	5	I had never heard of synthetic biology before, but I thought it was great that they are doing research that can do something for society.	Through the discussion, I realized that ethics is also necessary to tamper with living organisms themselves, such as genetic modification.	
7th	5	5	4	4	Thank you very much for coming from Tokyo today for the synthetic biology class. I thought that there are endless possibilities to incorporate the DNA of an organism's characteristics into other organisms so that they can acquire those characteristics. I felt that fictitious animals, etc. could be realized once the technology is developed.	When I thought about the research using synthetic biology that I might be able to do with seniors and Graand Tokyo members in today's course, I felt that I might be able to realize my quick ideas, ranging from something realistic and useful in our lives to something dreamy and imaginary. What impressed me was when he mentioned that a team of Japanese high school students had won the last competition in biosynthesis. Even a team of Japanese high school students can win if they work hard and advance their research, and maybe even we junior high school students can win. I became interested in the field of synthetic biology because I thought it was a dream come true.	