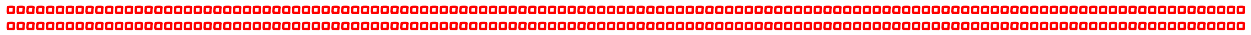


PLEASE MAKE A COPY OF THIS DOCUMENT AND SAVE IT IN YOUR SYMPOSIUM FOLDER. YOU SHOULD DELETE THE SECTIONS THAT DO NOT APPLY TO YOU. REMEMBER, YOU'RE ONLY REQUIRED TO DO ONE OF THE STUDENT-LED RESEARCH OPTIONS.



## STUDENT-LED RESEARCH PLAN

### Group members:

Please write the names of your group members here (including their PARK ELA class period):

Michael Martinez ( $\frac{7}{8}$ )  
Ricardo Canales ( $\frac{7}{8}$ )  
Justin Flores ( $\frac{1}{2}$ )

### Driving Question:

What is your driving question? Please type it out below.

How will human intellect adapt over time due to the contributions of Artificial Intelligence?

### Interview

Who are you planning on interviewing? Please write their name, occupation, and email address.

Max Tegmark: [tegmark@mit.edu](mailto:tegmark@mit.edu)  
Cosmologist at MIT, director of the Foundational Questions Institute, as well as a founder/the press of the Future of Life Institute.

How are you going to contact them? Are they a family friend, someone you know, a relative, a friend's parent, a teacher's friend? A stranger? If so, how will you contact the stranger and what will you say? (If you are emailing, your mentor must approve the email and you must make sure your mentor is cc'd to the email. If you are meeting someone, you MUST be accompanied with an adult like a parent or older sibling who is 18 or older. If you are calling, you MUST have a mentor or adult in the room with you as you call.)

We are going to email Max Tegmark, who obviously a stranger. As of now, we could only find his e-mail, because his social media is personal, so we don't want to contact him through that.

<b>When do you plan on conducting the interview?</b>
Probably very soon, by next week we'll hopefully get this all fleshed out and be able to contact Max.
<b>What are the 5 questions that you will ask the person?</b>
<ol style="list-style-type: none"> <li>1. What does AI have to give to humanity?</li> <li>2. What do you think will happen as humans and AI merge in society?</li> <li>3. Do you think the introduction of smarter AI will affect human intelligence?</li> <li>4. Do you think that with more types of AI coming into people's lives, will people adapt negatively or positively, and why?</li> </ol>
<b>How do your interview questions help investigate the DRIVING QUESTION?</b>
<ol style="list-style-type: none"> <li>1. Since human intellect is getting affected by AI, we want to know how the people who know the most about AI got to know about the subject. It might change in the future.</li> <li>2. Well this question just asks what AI can give to humanity. We ask how humanity will react to this later on.</li> <li>3. This is just a rewording of our driving question, asking what will happen when AI gets more advanced and what will happen between them.</li> <li>4. This is the meat of the question. Asking what will humanity do once AI get even more advanced. The sequel of question #2.</li> <li>5. This question could give a speculation type of answer to our driving question giving a perspective from an expert on the topic.</li> </ol>
<b>What are the limitations or possible flaws of your interview?</b>
The person we interview is obviously very busy, conducting research of their own and such. So the e-mail we send them will probably be in their inbox for quite a while because of this.

P.92

**E-Mail:**

Hello Professor Tegmark,

Our names are Michael Martinez, Ricardo Canales, and Justin Flores, and we are 8th graders at a middle school in Santa Ana, California. We are researching the topic of Artificial Intelligence and how human intellect will adapt over time due to AI. We are exploring this topic for our annual GATE Symposium, which is a school-wide research program that allows us to explore an issue that matters to our lives. In our research, we found that we could learn more by asking an expert a

few questions on our topic. We know that you are one of the founders of the “Future of Life Institute,” which focuses on possible existential risks to humanity (including AI), and we would be so honored to get your input on our topic. Do you mind if you answer these questions through email?

1. What does AI have to give to humanity?
2. What do you think will happen as humans and AI merge in society?
3. Do you think the introduction of smarter AI will affect human intelligence?
4. Do you think that with more types of AI coming into people’s lives, will people adapt negatively or positively, and why?

Thank you so much for your time, and we would appreciate it if you could let us know if answering our questions via email is possible. We understand you must be very busy, so we thank you once again!

If you have any questions, you can email our teacher who is “cc’d” to this email.

Sincerely,  
Michael Martinez, Ricardo Canales, and Justin Flores

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Hello Professor Aguirre,

Our names are Michael Martinez, Ricardo Canales, and Justin Flores, and we are 8th graders at a middle school in Santa Ana, California. We are researching the topic of Artificial Intelligence and how human intellect will adapt over time due to AI. We are exploring this topic for our annual GATE Symposium, which is a school-wide research program that allows us to explore an issue that matters to our lives. In our research, we found that we could learn more by asking an expert a few questions on our topic. We know that you are one of the founders of the “Future of Life Institute,” which focuses on possible existential risks to humanity (including AI), and we would be so honored to get your input on our topic. Do you mind if you answer these questions through email?

1. What does AI have to give to humanity?
2. What do you think will happen as humans and AI merge in society?
3. Do you think the introduction of smarter AI will affect human intelligence?
4. Do you think that with more types of AI coming into people’s lives, will people adapt negatively or positively, and why?

Thank you so much for your time, and we would appreciate it if you could let us know if answering our questions via email is possible. We understand you must be very busy, so we thank you once again!

If you have any questions, you can email our teacher who is “cc’d” to this email.

Sincerely,  
Michael Martinez, Ricardo Canales, and Justin Flores

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Hello Professor Blum,

Our names are Michael Martinez, Ricardo Canales, and Justin Flores, and we are 8th graders at a middle school in Santa Ana, California. We are researching the topic of Artificial Intelligence and how human intellect will adapt over time due to AI. We are exploring this topic for our annual GATE Symposium, which is a school-wide research program that allows us to explore an issue that matters to our lives. In our research, we found that we could learn more by asking an expert a few questions on our topic. We know that you are a professor at Carnegie Mellon University, which has been a leader in AI research, and we would be so honored to get your input on our topic. Do you mind if you answer these questions through email?

1. What does AI have to give to humanity?
2. What do you think will happen as humans and AI merge in society?
3. Do you think the introduction of smarter AI will affect human intelligence?
4. Do you think that with more types of AI coming into people’s lives, will people adapt negatively or positively, and why?

Thank you so much for your time, and we would appreciate it if you could let us know if answering our questions via email is possible. We understand you must be very busy, so we thank you once again!

If you have any questions, you can email our teacher who is “cc’d” to this email.

Sincerely,  
Michael Martinez, Ricardo Canales, and Justin Flores

# Response:

Once again,

We deeply appreciate you taking time out of your day to respond to our e-mail. You replied faster than expected, and we definitely learned something new from your responses. Anyways, thanks for the help!

Sincerely,

Michael, Ricardo, and Justin