

Appendix B

Interview Protocol 2020

Thank you for chatting with me today. My name is ____ and I work with Dr. Chad Lane on his National Science Foundation project. We want to learn more about how videogames impact learning. All of this is voluntary. You can also turn your camera off if you feel more comfortable that way. It would also help us a lot if I could record this session on Zoom so we can refer back to it later. Please let me know at any point if you feel uncomfortable or want to skip a question. Do I have your consent to record this session?

Home and School Life

1. How do you like school? Which class is your favorite and why?

Long-term Interest

2. Have you read any books or comics, television shows, movies, or museum visits about space after enrolling in our camp? Or look up any additional information regarding space on the Internet?
3. Could you give me an example of where you've talked about camp with your family or friends?

Minecraft Play

4. How often do you play Minecraft? About how long do you play each time? Where and how do you play it? Do you play alone, or with friends?
5. What's your favorite thing to build in Minecraft in either mode? How do you plan on building it?

Astronomy Knowledge

6. Can you tell me about the Moon? How does it affect us here on Earth?
7. What do you think Earth would be like if the Moon were twice as large as it is now?
8. Can you tell me what the Earth's axis of rotation is? Why is it important?
9. What do you think Earth would be like if it didn't rotate?

10. Can you describe what a “habitable zone” is? A “habitat” is a natural home of an animal, plant, or another living organism like you and me.
11. What do you think would happen if the Earth, as it is now, were closer to the sun, like Venus?
Follow-up: Why would we not be able to survive?
12. What does it mean to be a scientist? What does an astronomer do?
13. Do you see yourself as a science person? Why or why not?
14. Is there anything that interests you about space?
15. What are the "must have's" you'll need to survive on the moon?

Camp Feedback

16. If you could choose to go more in-depth about any of the hypothetical worlds, we explored this week, which one would you choose and why?
17. (For those applicable) I noticed you didn't make any observations (remind them what it is). Is there a reason why? Was it too hard to do?
18. Would you want to join our Minecraft camp again if we offer it next summer? (Ask for reasons)