

21st CCLC Facilitator Interview Protocol

Thanks for taking the time to meet with me today. I'm with Education Development Center and for this project, we're working with the New York Hall of Science (NYSCI) to learn about the implementation of the Making Curriculum at 21st CCLC sites across the country. This effort is supported under a cooperative agreement between NYSCI and the Institute of Museum and Library Services. In our interview with you today, I hope to find out how implementation has been going at your site and any successes and challenges you've had throughout the project.

In order to capture all of your thoughts and feedback, I would like to record our interview. Unless required by applicable law, your responses will remain confidential and will not be connected to your name, school, or organization. If there's a question you don't want to answer, feel free to skip it. You're welcome to end the interview at any time. This session will last approximately 45 minutes. Is it okay if I record our discussion? (Start recording and confirm consent to record.)

- 1) Please describe your role at your 21st CCLC site.
- 2) What was your role in implementing the Making curriculum? What aspects of the program were you responsible for doing?
 - Prompt
 - o Were you present for all for the activities?
 - o Who was involved with coordinating this program at your site?
 - o What other staff were involved with the program? What were their roles?
 - o Had you implemented anything like the Making activities before?
 - o If yes, did you implement this specific Making program in 2015?
- 3) Has your 21st CCLC site used any STEM, Tinkering, or Making curricula before now? If so, which ones? Please explain.
- 4) How did participants come to be involved in the Making program? (e.g., were they hand-picked by you? Did they choose the program? Were all youth from the 21st CCLC program involved?)
 - Prompt
 - o Please explain why who would participate was determined in this way.
 - o Were the summer participants the same participants who might have been involved if the program was implemented during the school year?

I'd like to move on to some questions that get into thinking about the logistics around program implementation.

- 5) Please describe a typical Making activity/session.
 - Prompt

- o Approximately how many youth did you have participating each day?
 - o How did you start the activities? How did you wrap-up the activities?
 - o Approximately how much time did you spend on each activity? Was that enough time?
- 6) Did you facilitate the activities yourself? Please explain.
- 7) How successful did you feel participants were in doing the activities?
- *Prompt*
 - o What did that success look or feel like?
- 8) What were the biggest challenges involved with implementing the Making activities (e.g., materials, preparation, scheduling)?
- 9) What changes or adaptations did you make to the activities?
- *Prompt*
 - o What prompted your decision to make these changes or adaptations?

Thinking now about the professional development opportunities provided by your museum partner . . .

- 10) Please describe your relationship with the staff from the museum.
- *Prompt*
 - o What was it like coordinating program implementation with staff from the museum?
 - o How frequently did you communicate with them?
 - o What were the challenges (if any)?
- 11) How were you trained by your museum partner on the Making curriculum?
- 12) How do you feel about the amount and type of training support you received from your museum partner?
- *Prompt*
 - o Did you feel prepared to co-facilitate the activities with your museum partner?
 - o Did you feel prepared to implement the activities on your own?
 - o Did the museum partner discuss the New York Hall of Science and Exploratorium curriculum, or just one or the other?

Now I'd like to touch on what you got out of being a part of the program.

- 13) Since working with the Making program, what have you noticed about your own attitude, interest, or capacity around working with STEM and Making curricula?
- 14) What tools or resources (if any) did you learn about from being a part of this program?

- 15) Overall, how confident would you feel facilitating a future program like the Making program on your own with youth?
- 16) Overall, how interested would you be in doing a program like the Making program again?

Thinking about the youth who were in the program . . .

- 17) Please describe what you've noticed about participants' interest, attitudes, or engagement around the curriculum.
 - *Prompt*
 - o Did you notice any changes over the course of the program? (e.g., changes in youth participation, deepening discussion, deepening question asking by participants, participant's ability to work through frustration?) Please explain.
 - o What is one memorable moment that you can share with me related to interest, attitudes or engagement?
- 18) Please describe participants' interactions with each other throughout the activities.
 - *Prompt*
 - o Did you notice their interactions changing over time? (e.g., have you noticed participants encouraging, helping, sharing ideas with each other, or taking on roles of expertise?) Please explain.
 - o What is one memorable moment that you can share with me?
- 19) What do you think were the benefits of doing this program with youth at your site?
- 20) Overall, what were the challenges?
 - *Prompt*
 - o How did you seek to address those during the activities?
 - o If you were to do the program again, how would you address them?

A few last questions . . .

- 21) Have you used this curriculum outside of the 21ST CCLC program? If so, how?
 - *Prompt*
 - o Do you have plans or aspirations for using this program in the future outside the 21st CCLC program? Please explain.
- 22) Overall, what suggestions do you have for improving the program in the future?
 - *Prompt*
 - o For 21st CCLC facilitators like you?
 - o For youth who do the program?
- 23) Anything else you would like to share with the team who designed this program?

Thank you for your time. We appreciate you sharing your thoughts with us.