

Details about Data Collection

The data is collected for this project in 3 ways: 1) Built-in observation cameras that record a live feed of the Chicago Children's Museum Tinkering Lab into a research room adjacent to the space. This allows the research team to observe as naturally as possible both how families engage with the current tinkering challenge and how facilitation staff can impact their experience. 2) Short Narrative About Project (SNAP)s are collected as families leave the Tinkering Lab at a SNAP station created by the Museum. This allows researchers to take a photo of the creation and ask the child participant a curated list of questions about what they did during their visit. The SNAP is an opportunity for participants to reflect on and consolidate their experience. 3) StoryHub is a reflection booth exhibit that is around the corner from Tinkering Lab. An interactive screen allows families to record video and audio about what they did in the Museum that day, including within Tinkering Lab.