Experiences with Data

Moving from real to abstract
Design
- Problems worth solving — to you
- Purpose and agency
- Divergent solutions

Make
- Real tools, real materials
- Thinking with your hands
- Building things and building skills

Play
- Deep engagement and delight
- Following individual interests
Looking at reality a new way

Secrets of Circles, Children’s Discovery Museum of San Jose
Take a 2-second exposure picture from above

Long exposure pictures seen from above show movement

Image source: Peggy Melchert
Turning experience into data
Connected Worlds
Moving Beyond Mimicking
Noticing Tools

Choreo Graph
Turn photos into animations and explore math concepts as you go

Challenge: Make a symmetrical dance move
Future work - Exhibition, Programs, etc.
Big Data for Little Kids - workshop series for families with kids 5-8

People, Patterns and Probability (working title): beginning work on new exhibition
Thank you