

**Primary Outputs/CARE**

**Create: Art of Polymers 2.0 Concert**

- Live musical performances with scientific lectures and hands-on audience demonstrations

**Assess: Surveys & Reflection**

- Increase community engagement

**Refine: Mechanophore Kit**

- Adapted concert for an all-age hands-on activity

**Expand: Local Outreach**

- Implemented kit at White Marsh Public Library

**Attendee Testimonies**

“I have a clearer understanding of where polymers exist in the world and how they can be used to create sustainable products or even art and music.”



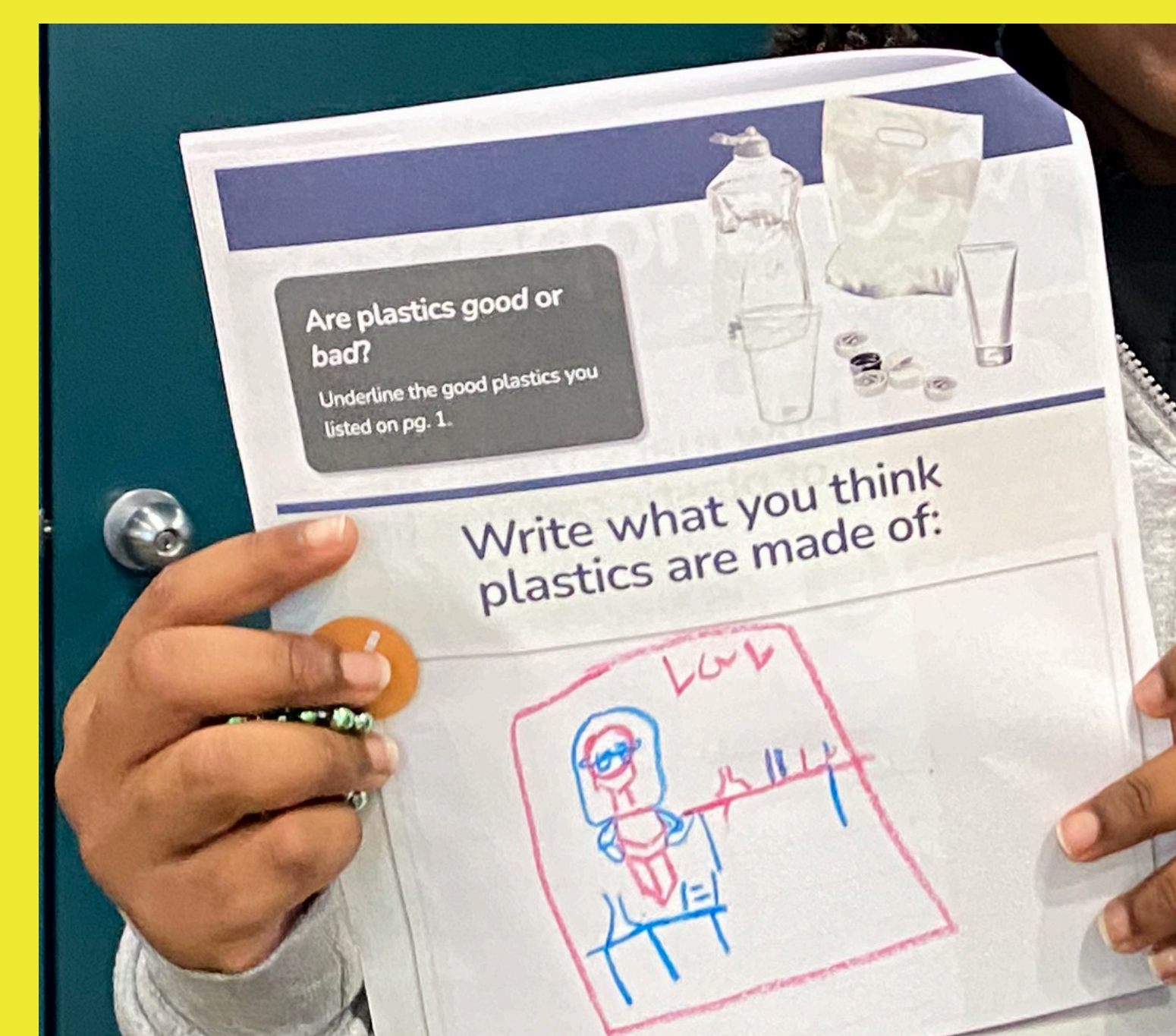
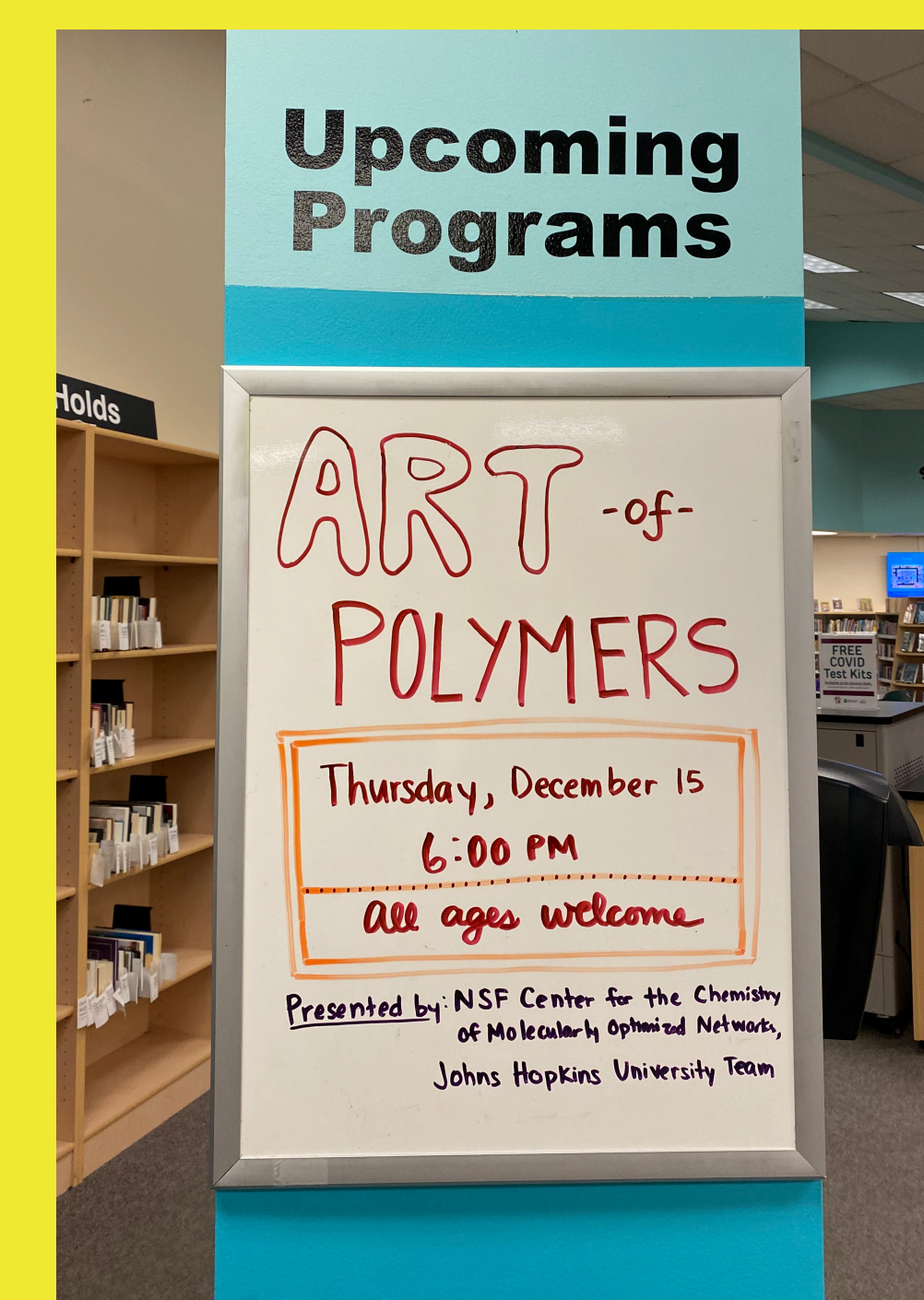
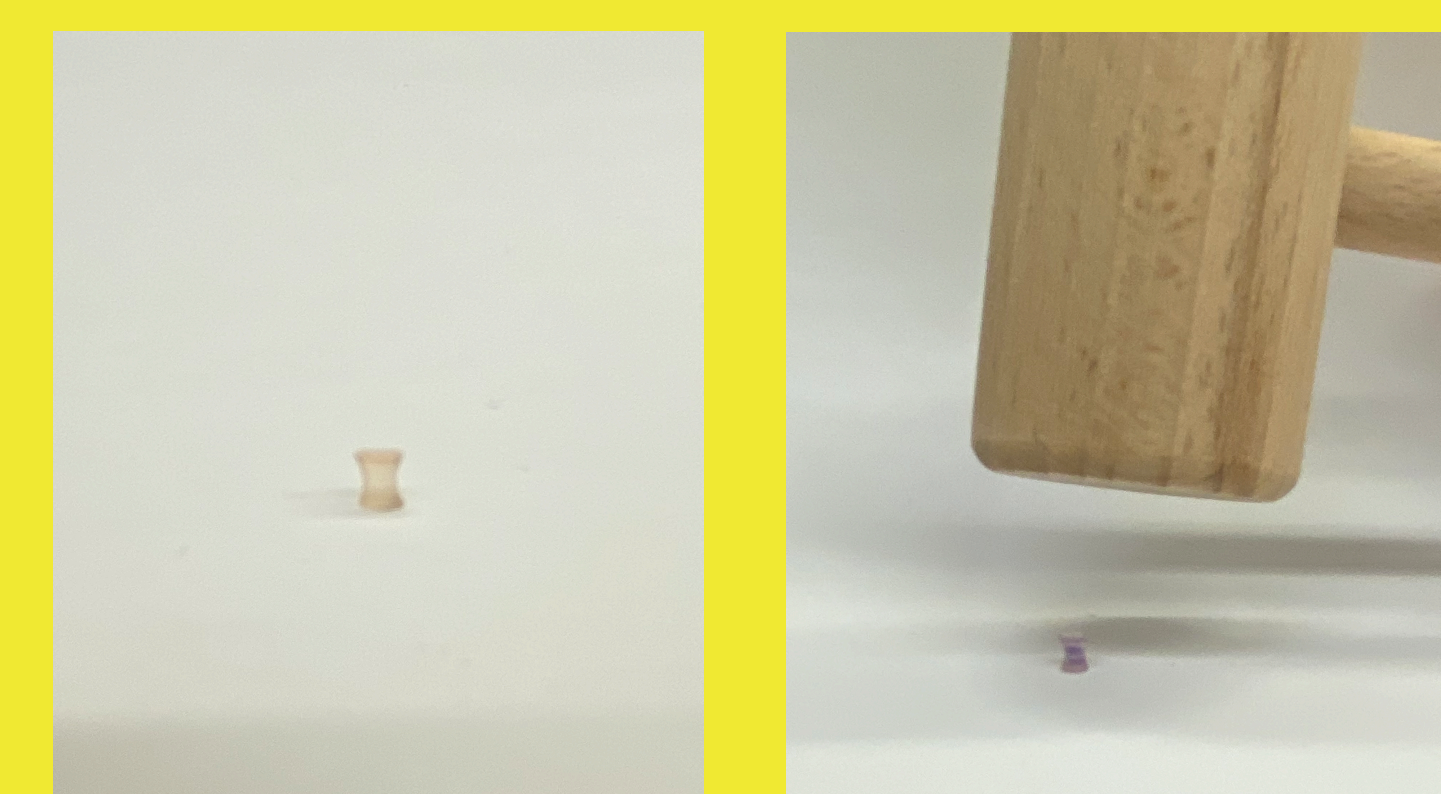
“As a musician, I didn’t know very much, but I enjoyed learning about polymers and connecting them with music.”

**Informal science communication and music to increase diverse self-efficacy in STEM.**

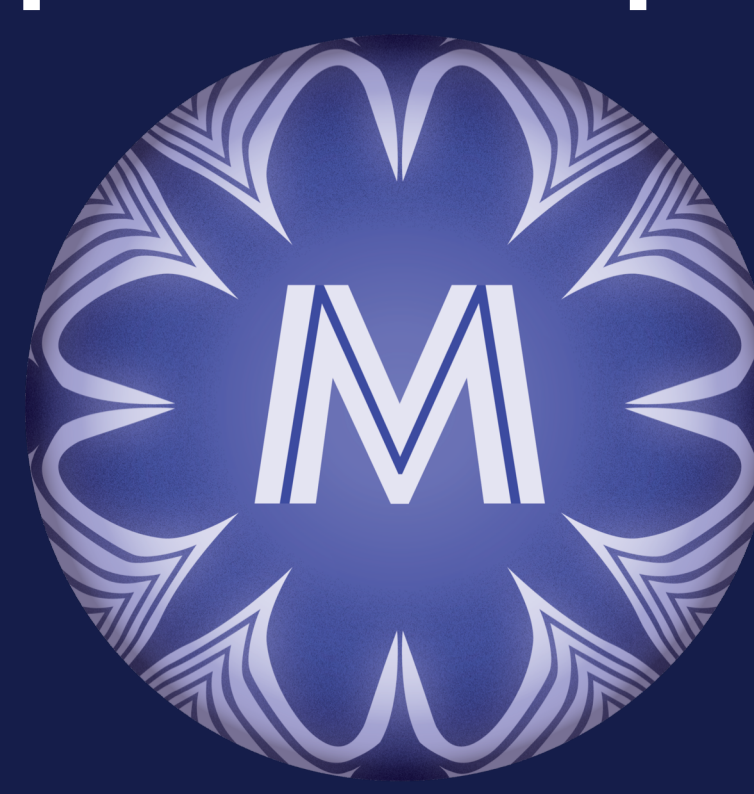
**AoP Concert & Demo Booth**



**Outreach Activity**



Scientific Breadth, Outreach/Communication, Scientific Leadership  
This Signature Professional Development Experience Was Supported By:



BALTIMORE COUNTY PUBLIC LIBRARY