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Project website: [www.terc.edu/HSE](http://www.terc.edu/HSE)

## Project Description



Head Start on Engineering is an ongoing initiative focused on empowering families to use engineering to help their children thrive. We also aspire to collaborate as equal partners with the communities we serve and inform a more equitable vision for engineering education in our society.

## Key Achievements

- Multilingual program model supporting family engineering engagement
- Engineering framework connected with families' everyday problem solving
- Equity-centered perspective on how families shape their own interest development pathways

## Audience & Settings

**Audience:** Spanish-, English, and Arabic-speaking families with preschool-age children (3 to 5 years) enrolled in the Head Start preschool program

**Disciplinary area:** Engineering

**Learning environment:** Home-based family learning, Head Start preschools

## Access and Inclusion

We aspire to: (a) change the ways we work with communities to transform historic power inequities, (b) remain flexible and responsive to community needs, and (c) broaden perspectives on engineering to honor the existing knowledge and practices of families.

# Head Start on Engineering | 1906409

**Project team:** Scott Pattison, Julie Allen, Gina Svarovsky, Annie Douglass, Smirla Ramos Montañez, Viviana López Burgos, Catherine Wagner, Molly Schmitz, Nelda Reyes. Special thanks to the Head Start staff and families that have generously shared their time and expertise to make this project possible.

This material is based upon work supported by the National Science Foundation under grant [1906409](#). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



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