1759314 Engineering a Community-Family Partnership  
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Develop and implement a program for integrating engineering design practices into home environments  
Project type: Strategies or Developing and Testing Innovations (DTI)  
Project start/end date: 2018-2022  
Project URL: https://athomeengineers.com/

| School Partnerships: Recruitment took multiple forms and outlets | Engaged 16 families | What have you needed to reconsider? Structure of kit instructions, including built-in supports for caregivers |
| Home Environment: Instructions were accessible and engineering tasks relatable; Positioned and supported caregivers as educators and/or co-engineering learners | Personalized videos | What have you been able to creatively overcome? Engagement of families in online formats - interactive Google slideshows |
| Engineering Passport & Encounters: Career awareness and identity development | Development of youth’s identity as engineers (e.g., enactment of engineering design process) | What are you still grappling with? Recruitment of families that are less likely to have an interest in STEM |
| | Caregivers as skilled knowledge practitioners (SKPs) |  | 
| | Increased understanding of diff. types of engineers |  | 

- Engaged 16 families
- Personalized videos
- Development of youth’s identity as engineers (e.g., enactment of engineering design process)
- Caregivers as skilled knowledge practitioners (SKPs)
- Increased understanding of different types of engineers

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