

Head Start on Engineering

Developing a Learning Community to Study and Support Family-level Interest in Engineering

Grant No. 1906409

December 7, 2023

AISL Awardee Meeting

Arlington, Virginia

Scott Pattison, TERC

Julie Allen, MHCC Head Start

Smirla Ramos Montañez, TERC

Gina Svarovsky, University Of Notre Dame

Annie Douglass, OMSI

Viviana López Burgos, TERC

Catherine Wagner, University of Notre Dame

Mouna Jbali, IRCO GMEC

Abeer Ighneim, IRCO GMEC

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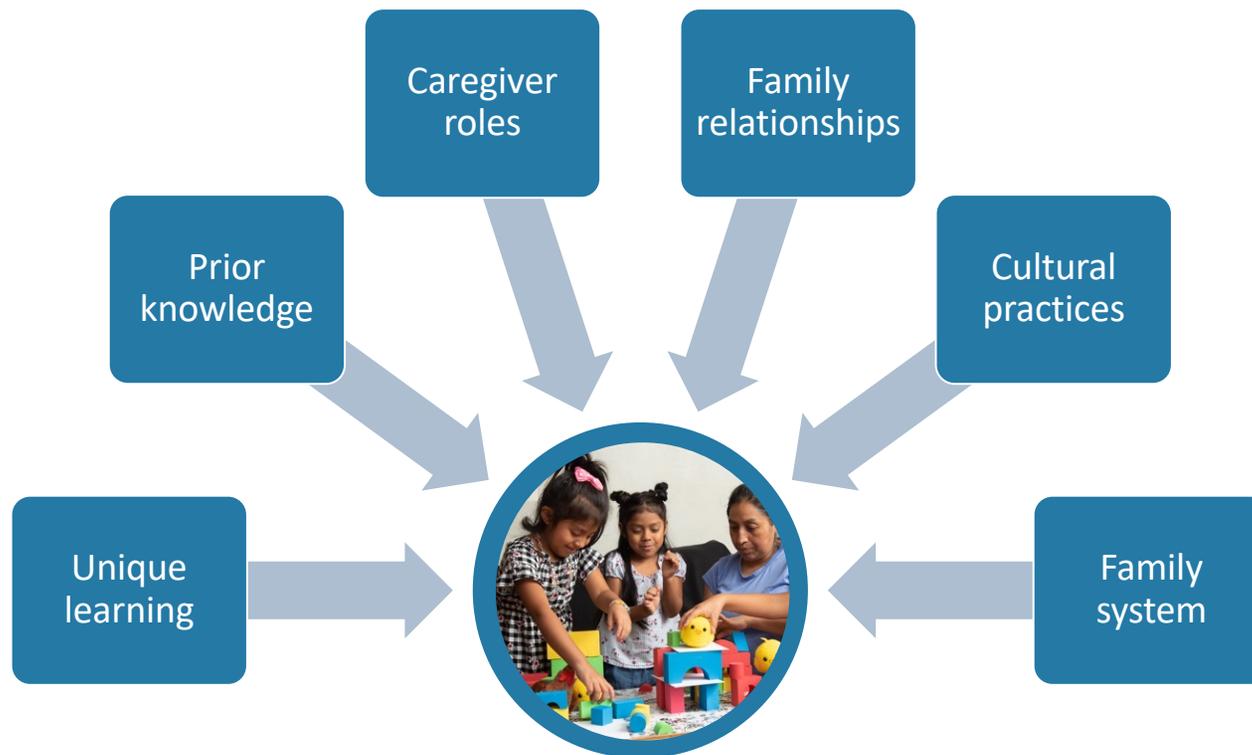
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Asset-Based Family Learning Framework



Enacting the Learning Principles Connecting with Everyday Problem Solving



“Antes pensaba que la ingeniería era algo grande, de lo que realmente no sabía mucho. Pero está en todas partes... Se da cuenta de que está literalmente en todo lo que hacemos.”

[Before I thought about engineering as something big that you don't really know much about. But it's everywhere... It's literally in everything you do.]

Enacting the Learning Principles Supporting Parents as Teachers and Learners

“Me encantan estar en estas reuniones. Siempre observo cosas positivas de ustedes y mamás y papás. Aprendí de sus experiencias, experiencias que no he tenido.” .”

[I love being in these meetings. I always observe positive things from you and the other caregivers. I learned from their experiences, experiences that I haven't had.]

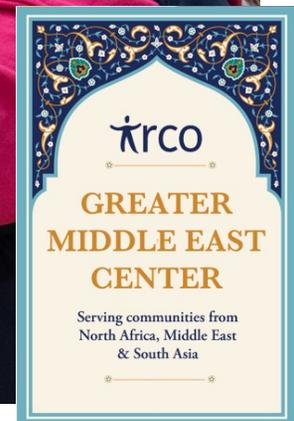


Enacting the Learning Principles Honoring Family Goals and Approaches



“The activities help me see where their strengths are... That’s why I was mostly standing back and watching... I was using those programs see something else—not what I want my kids to be but what they are in reality. And for that I’m very thankful, because it did help me to understand. And then I took the opportunity to teach some other values, like teamwork.”

Future Directions



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