



1

Adults can help children develop their engineering thinking by asking questions and supporting them in interacting with materials (Lippard et al., 2017).

2

Children engage in engineering learning while playing with blocks (Gold & Elicker, 2020).

3

Children display higher order thinking during engineering learning (Lippard et al., 2019).

YOUNG CHILDREN ENGAGE IN ENGINEERING DURING EVERYDAY PLAY. ENGINEERING INVOLVES SOLVING PROBLEMS THROUGH ASKING QUESTIONS, EXPLORING MATERIALS, CREATING SOLUTIONS, AND IMPROVING THESE SOLUTIONS.



WHAT CAN I DO TO CULTIVATE STEM EXPERIENCES FOR ALL?



STEMIE Resource: [A Guide to Asking Open-Ended Questions](#)



STEM4EC Blog: [Mythbuster Series #5](#)



STEMIE's [Discovery Play Activities With Your Young Child series](#)



STEMIE Resource: [A Guide to Adaptations](#)



STEMIE's [Storybook Conversations series](#)