

Cultivating STEM learning opportunities for ALL young children throughout their daily routines and activities in any environment.



- By providing equitable opportunities, all children, regardless of ability, race, ethnicity, language, and cultural background, will be able to participate in STEM (Clements et al., 2021).
- Individualizing instruction on STEM knowledge for students with learning differences increases student achievement (Kasee & Rayfield, 2019).
- Students with disabilities want careers in STEM fields (Bittinger, Wells, & Kimball, 2021).

ALL CHILDREN,
REGARDLESS OF ABILITY,
CULTURE,
RACE/ETHNICITY,
GENDER, AGE, AND/OR
SOCIOECONOMIC
STATUS, HAVE THE
INTEREST AND CAPACITY
TO ENGAGE IN STEM
LEARNING EXPERIENCES.



WHAT CAN I DO TO CULTIVATE STEM EXPERIENCES FOR ALL?



Follow the child's lead and interests.



Video: <u>STEM Starts Now</u>



Videos: Why Inclusion



STEMIE Resource: <u>A Guide to Adaptations</u>



STEMIE Resource: <u>A Guide to</u> <u>Teaching Practices</u>



STEMIE's <u>Curated Book Lists</u> <u>about STEM Innovators</u> from multiple cultures