



BUILDING THINGS!



LIGHT AND SHADOWS



SIMPLE MACHINES



BUILDING BRAINS WITH BOXES!

Clarendon Early Education Services, Inc.

Preschool Innovative STEM Curriculum



Clarendon is pleased to introduce four curriculum modules designed to engage preschoolers in learning experiences focused on science, technology, engineering and math. The curriculum is based on the knowledge that children learn best by experiencing the world through their senses and with their bodies, with the help of caring adults. With ideas for exploratory free play, guided activities, and routine times, our curriculum supports educators as they provide daily access to STEM materials and experiences. Educators can use these ideas to encourage children to observe, explore, ask questions, make predictions, try their ideas, document the process and reflect on the results.

The curriculum is designed for Family Child Care and includes experiences for mixed ages across all learning areas using easily accessible materials. The STEM experiences and investigations focus on preschoolers, with adaptations for children of different ages or abilities. Each idea is linked to the *Massachusetts Guidelines for Preschool Learning Experiences*, the *Massachusetts Early Learning Guidelines for Infants and Toddlers* as well as the *Objectives for Development and Learning* from the *Creative Curriculum*, and STEM ideas are aligned with the *Preschool STE Standards*. The learning experiences aim to involve children and educators in long term investigations and emphasize the importance of having fun in the process! A large web based on the *Massachusetts Guidelines* contains a multitude of ideas on each topic. Educators are encouraged to add their own ideas and extend experiences based on the children's interests and ideas from the resource page.

Each module contains a message to families for educators to share, describing what children are learning and providing activities to try at home, as well as resources. Our new online STEM Forum aims to further engage families, educators and others in our community of STEM enthusiasts!

The publication of this Innovative Preschool STEM Curriculum was made possible through a competitive grant awarded by the Department of Early Education and Care.

www.clarendonees.org

idoyle@clarendonees.org